

# From The STAFF

W.T.F.D.A. Headquarters, P.O. Box 514, Buffalo, NY 14205

IT'S NEW ORLEANS IN 1985!...Longtime WTFDAer Ron LeBlanc was the sole bidder for WTFDA's 1985 convention. It's now official...Convention '85 will be held in the Greater New Orleans area. Many of you will remember the great job Ron did as convention host back in 1972; all indications are that 1985 will be a repeat performance. Upcoming VUD issues will be carrying further details. Make New Orleans your summer vacation destination in early August, and take in the 1985 WTFDA Convention while you're there!

CHECK YOUR RESOLUTION...No, not the resolution on the video monitor. Make it a New Year's resolution to help your favorite DX club, whether it be WTFDA or any other club. Most all DX clubs have publishing staffs which are in constant need of volunteers to help in all areas of club operations--WTFDA is no exception. Remember, volunteers keep WTFDA and the entire DXing hobby organized and running. If you can be of assistance, don't hesitate to drop us a line. We're also constantly seeking suggestions on how to improve club service, and we always welcome comments and criticism at the club HQ address at the top of the page. Resolve to help make 1985 another great year for your DX club--and you'll help your fellow DX enthusiasts too!

A WORD ABOUT DUES...Basic WTFDA club dues remain at \$15 per year for now, even though the U.S. postal rates will increase next month. A dues increase may be necessary late in 1985, but is not definite. For now, membership in WTFDA is a bigger bargain than before, so if you know anyone who might be interested in joining WTFDA, tell them about it!

CHECK THIS OUT...Surrey, B.C. member Dave Sinclair sends word of a very useful article in the December, 1984 issue of POPULAR MECHANICS titled "The Right Antenna." PM's coverage of this subject is made all the more interesting by recent electronics industry trends showing a possible revival of interest in conventional outdoor antennas, amid rising public disenchantment with cable TV in some areas.

THANKS, ROBERT...Those of you who listened to ABC Talkradio's DX special in December may have heard a plug for WTFDA. Thanks to Robert Goodman for this, and to those DXers mentioned in last month's VUD who were involved with the production of the show. It certainly was worth staying up for! We've been hearing from many prospective new members about it, and it was great to hear the DXing hobby given network radio exposure.

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Front cover coverage map is from Tom Yingling (QSL CORNER editor).



## MAILBOX

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City Island Sta.  
Bronx, NY 10464

January, 1985

The debate over logging procedures is not over yet. Steve Sprachman, of Sunnyside, New York writes in:

"I'd like to add to Robert Goodman's comments in the Nov.'84 VUD... on this issue of the use of a 30 mile circle or a 50 mile triangle. Both of these two areas are too large. It may have been appropriate in the past when there were fewer stations. Today, a 50 mile move can place you in an area with a totally different set of stations. If I moved 50 miles from New York, one direction puts me in the coverage area of the Philadelphia stations. In another direction, I'd be watching the Connecticut stations. Even using the 30 mile circle of New York City, anywhere I move would change the conditions I DX under. The signal strength of the locals and semi-locals would change. Thus a move to another location may allow certain stations to be received that could not be received in my present location. For example, when I lived in Seaford, which is about 30 miles from Sunnyside, whenever there was Es even the locals were effected. Here, being two or three miles from the New York City transmitters, Es is nearly impossible on T.V.

The standard for whether a new log should be started, or the original be continued when one makes a move, should be based on conditions. If the conditions change, then a new log should be started. These would be major changes of signal strength for any local or semi-local stations, and an overall change in reception possibilities (ie. moving from a valley to the top of a hill). It would be very rare for any move of more than a few miles not to result in a change of conditions. Each DXer would have to decide on whether or not he needs to start a new log. Please remember, the only one you'll be cheating is yourself."

\* \* \* \* \*

Now, as a club member, I'd like to bring up the matter of "season's greetings" in the VUD. I find nothing wrong or out of place about such comments in general, or even pictures of Santa Claus (a non-religious character for all practical purposes) as on the cover of the December VUD. General season's greetings apply to all. However, concerning the poem in the December Antenna News: within our club, there are people of all kinds of faiths, and indeed, some with none at all. A holiday greeting that specifies the tenets of one religion doesn't apply to all members, and may even offend some. While I appreciate the spirit in which Doug Dornbos' greeting was given, I don't believe that religion has such a place in the VUD. I invite Doug or anyone else to send in their comments.

Till next time, '73s

AL



YES, YOU FOUND  
THE SOUND!  
OCEAN CITY'S  
BEST MUSIC-  
99-KHI!





# FM NEWS

## New FM Stations, Translators Granted

AL Chatham WDAI 103.1 3000 h.v.; 330', June  
 AK St. Paul (Island) \*91.9 15000 h, 230 watts  
 vertical, directional; Pribilof Schools  
 AK Seldotna K202AD \*88.3 (KSKA 91.1 Anchor-  
 age translator); previously on 101.7.  
 AZ Camp Verde K257AL 98.3 (KKJJ Payson)  
 AZ Flagstaff K276IH 100.1 (KOST 100.1 Sedona)  
 AZ Sierra Vista K209AC \*89.7 (KUAT-FM 90.5  
 Tucson AZ translator) [Payson]  
 AZ Sumnerhaven K292CA 106.3 (KKJJ 103.9/  
 AZ Sunflower K242BN 92.7 (KDKB 93.3 Mesa)  
 K252BT 98.3 (KOYT 95.5 Phoenix)  
 K276BZ 103.1 (KKJJ 103.9 Payson)  
 AZ Prescott Valley (same coordinates as  
 Prescott AZ) 106.3 3000 h.v.; 280'  
 AZ Tucson K288CQ 105.5 (KJYK 94.9 Tucson)  
 AZ Tusayan (42 mi. W. Williams) 92.1 1000h.v.; 470'  
 AR Adairson 92.1 2800 h.v.; 310'  
 CA Pleasanton K152-2 105.3 (KITS 105.3 San  
 Francisco booster, believed to be 60 watts hori-  
 zontal only, main lobe at 120° aimed right at  
 John Jefferson, one of this column's reporters.  
 CA Santa Rosa \*91.1 500 h.v.; 730'-Am. Media  
 CA Valencia-Iewhall KIGLFM-1 (KIGIL-FM San  
 Fernando on-channel booster), 94.3  
 CA Burrey \*90.5 410 h.v.; 2230' (or is it 2320?)  
 —B. Educational Foundation, gospel  
 FL Key West 98.7 100000 h.v.; 300'  
 FL Panama City 106.3 3000 h.v.; 300'  
 GA Ellijay WJLA 93.5 3000 h.v.; 300'  
 HI Wailuku \*88.7 1000 h.v.; 5530' (highest HAAT  
 for any station); HI Public Radio [False]  
 ID Idaho Falls K204AL \*88.7 (KICR 90.7 Twin-  
 ID Bettendorf K288— 105.5 (KALA \*88.5 Davenport)  
 KS Norton KNTX 106.7 100000 h.v.; 500' [1230]  
 ME Belfast WITK 104.7 7800 h.v., directional; /  
 WA Cathlamet (on Cape Cod) 107.5 500000 h.v.;  
 500', initial decision, subject to reversal  
 MI Atlanta 92.5 100000 h.v.; 960'  
 MS Kosciusko \*91.7 385 h.v.; 170'; g. Ed. Foundn.  
 MS Oxford 107.1 3000 h.v.; 300'  
 MO Lebanon \*89.9 385 h.v.; 160'; g. Ed. Foundn.  
 NV Las Vegas (Winchester Township) 106.5  
 100000 h.v.; 1260' [Syracuse]  
 NY Cortland-Homer W240AH (WMHR 102.9/  
 NY Rotterdam (42-46-51; 73-57-17, town not  
 shown on maps, but is east of Schenectady,  
 SE of "Rotterdam Junction") 98.3 3000  
 h.v.; 300 feet above average terrain  
 OH Defiance WDFM 98.1 50000 h.v.; 500'  
 OK Enid K228BS 93.5 (KCFQ-FM 98.5 Tulsa)  
 OR Black Butte (43-22-10; 123-03-55) K261BF  
 \*100.1 (KEAR 106.9 San Francisco CA)  
 OR Creswell K205AY \*88.9 (KEAR 106.9)  
 OR Gold Beach K240BB 95.9 (seeks 102.3); trans-  
 lator of KCFE-FM 94.3 Crescent City CA.  
 PA Codorusport 96.7 470 h.v.; 665'  
 PA Mifflintown WJQU 107.1 225 h.v.; 820'  
 SC Mount Pleasant (suburban Charleston) 104.9  
 2400 h.v.; 330'  
 SC Wedgefield 99.3 3000 h.v.; 300'  
 TN Sevier 105.5 3000 h.v.; 300'  
 TX Bastrop 107.1 3000 h.v.; 300'  
 TX Cotulla 97.7 3000 h.v.; 300'  
 VA Colonial Beach 95.9 3000 h.v.; 300'  
 VA Woodstock 95.9 3000 h.v.; 49' [CA]  
 OR Ridde K292CF \*106.3 (KEAR San Francisco)  
 OR Roseburg K201AI \*88.1 ( " )  
 ON AIR WITH CHANGED FACILITY:  
 IA Des Moines KUCB \*88.3 9700 h.v.; 110'

Back on the air: KROA \*95.7 Grand Island NE  
 [were off for a week because of antenna damage]

## Off The Air

AR Ozark KZRF-FM 96.7, has been off for  
 about six months; SCA had background music.  
 Off because of economic difficulties  
 New Translator Grants, from list  
 supplied by Larry Fuss  
 AR North Little Rock K257BQ 99.3 (KISR 93.7  
 Fort Smith) [KEFR 90.1 LeGrand]  
 CA Carleton (ESE Bakersfield) K220AA \*91.9/  
 CA Oildale K215AD \*90.9 (KVRN 89.3 Fresno)  
 CA Santa Cruz KOME-1 98.5 (10-watt booster  
 of KOME 98.5 San Jose CA) [Gunnison]  
 CO Lake City K292CE 106.3 (KGUC-FM 98.3/  
 GA Columbus W244AJ 96.7 (WPCB 94.9 Atlanta)  
 IN S. Bend W252AF 98.3 (WBMX 102.7 Oak  
 Park IL) [Lawrence]  
 KS Emporia K213AP \*90.5 (KANU \*91.5/  
 KS Independence K213AQ \*90.5 ( " " )  
 KS Manhattan K213AO \*90.5 ( " " )  
 KS Parsons K280AV \*89.5 ( " " )  
 MA Fall River W244AH (WFME 94.7 Newark NJ)  
 —W244AH to be on \*96.7  
 MN Babbitt K237BE \*95.3 (KBHW 99.5  
 International Falls—on the air and DX ready)  
 MT Columbia Falls K237BJ 95.3 (KZIN 96.3  
 Shelby MT FM radio translator station)  
 NH Keene W288AM 105.5 (WBFL 107.1  
 Bellows Falls VT) [NH]  
 NY Lacuna W292AF (WLKZ 104.9 Wolfboro/  
 NY Arroyo Seco K216AL \*91.1 (KUNM 90.1  
 Albuquerque) [TX]  
 NM Artesia K292CL 106.3 (KOIP 96.9 Odesa/  
 NM Carlsbad K296CS 107.1 ( " " )  
 NM Lovington K292CN 106.3 ( " " )  
 NM Ruidoso K261BG 100.1 ( " " )  
 NM Taos K220AV \*91.9 (KUNM 90.1 Albuquerque)  
 NY Ithaca W288AS 105.5 (WVBR 93.5 Ithaca)  
 NY Norwich W237AK 95.3 (WXXZ 93.9 Norwich)  
 NY Plattsburgh W202AF \*88.3 (WLSU 89.5  
 Canton) [WLSU]  
 NY Watertown-Black River W203AH \*88.5/  
 NC Kitty Hawk-Kill Devil Hills W252AT 98.3  
 (WNOR-FM 98.7 Norfolk VA)  
 ND Kulm-Fredonia K276CA \*103.1 (KFNW-  
 FM 97.9 Fargo) [Tulsa]  
 OK Del City K288CT 105.5 (KCFQ-FM 98.5/  
 OR Beaverton K296BE 107.1 (KKJJ 106.7  
 Lake Oswego OR) [Florence]  
 OR Eugene K280BY 103.9 (KOUK 104.7/  
 OR Gold Beach K285BS 104.9 (KURY-FM 95.3  
 Brookings) [Pondleton]  
 OR Heppner K261BH 100.1 (KUNA-FM 107.7/  
 OR Roseburg K288CW 105.5 (KBMC 94.5 Eug.)  
 OR Sutherlin-Oakland K296AW 107.1 (KBMC)  
 PA Erie W285AI 104.9 (WCLV 95.5 Cleveland)  
 PA Johnstown W288AO 93.5 (WIVQ 99.1  
 Ebensburg) [Kingsport]  
 TN Johnson City W249AH 97.7 (WTFM 98.5/  
 TN Maryville W244AG 96.7 (WVLC-FM 107.7  
 Knoxville) [Russellville KY]  
 TN Murfreesboro W257AH 99.3 (WVBR 101.7/  
 TN Nashville W255AE 100.9 (WBVR 101.7/  
 TN Rogersville W221AG 92.1 (WVBR 99.3/  
 W229X 106.3 (WVLC-FM 107.7)  
 TX Abilene K210AA \*89.9 (KVTT 91.7 Dallas)  
 TX Bay City K285BY 104.9 (KYKR 93.3 Pt. Ar.)  
 TX Baytown K285BZ 104.9 (KYKR Pt. Arthur)  
 TX Comfort (SE Kerrville) K288CR 105.5  
 (KRVL 94.3 Kerrville)  
 TX Clinton K244BS 96.7 (KNFO 95.5 Waco)  
 TX Denton K228BU 93.5 (KIKT 93.5 Greenville)  
 TX Fredericksburg K272BQ 102.3 (KRVL 94.3)  
 TX Hemphill K252BR 98.3 (KYKR 93.3)

Bruce F. Elving, Ph.D., Editor  
 4515 Avenue "E"  
 Kearney NE 68847-2610

TX Killen K221BM 92.1 (KHOO 98.9 Waco)  
 TX Marble Falls K292AJ 106.3 (KXZL 104.5  
 San Antonio) [Brownwood]  
 TX San Antonio K292CJ 106.3 (KXYL-FM 104.7/  
 TX San Marcos K244BR 96.7 (KLLS-FM 100.3  
 San Antonio)  
 K292CG 106.3 (KTKS 106.1 Denton)  
 TX Sulphur Springs K252BQ 98.3 (KTKS " )  
 TX Temple K232BL 94.3 (KHOO 98.9 Waco)  
 TX Wichita Falls K213AK \*90.5 (KVTT Dallas)  
 UT Salt Lake City K292CP 106.3 (KUUT 107.5  
 Orem UT; another source said K280Q-FM  
 93.7 Pocatello ID, but I believe the source  
 that said Orem is newer and more accurate)

## Call Letters Assigned or Changed

AL Atmore 104.1 W1ZD (WSKR)  
 AZ Chrysopolis 105.5 KTTD  
 AZ Flagstaff \*91.1 K1Hh  
 103.1 K276CF (not K276IH; FCC error)  
 AZ Phoenix 99.9 KLZI (KNNN), rock  
 AZ Prescott \*90.7 KEPT  
 AZ Yuma \*88.9 KAYW; 100.9 KYXI  
 CA Chico \*89.1 KHAP [assumed retained]  
 CA Los Angeles 102.7 KIIS-FM (KIIS; non-ID)  
 CA Pioneer (Mt. Zion) 103.1 K276BA (not CH)  
 CA Santa Rosa \*91.1 KCRN  
 CA Weed 100.9 KWHQ (KSHQ; affects translators)  
 CA Yucca Valley 106.9 KROR (KKSS)  
 CO Mesa 98.3 K252BP (not K252BK)  
 CO Pueblo \*91.9 KERP  
 DE Seaford 98.3 WSUX-FM (not WSUX)  
 FL Clearwater 106.3 WAFQ-FM (WAFQ; non-ID  
 assumed dropped)  
 FL De Land 105.9 WELE (WELE-FM)  
 FL Fernandina Beach \*91.7 WJNE  
 FL Jupiter 96.7 WTKTQ (WVSI-FM)  
 FL Fort Lauderdale 106.7 WJQY (WVJF, "Joy"  
 non-ID assumed ended)  
 FL West Palm Beach \*90.7 WJEL (WJHS)  
 GA Manchester 93.3 WYVJ (WVVF-FM non-ID  
 assumed not dropped)  
 GA Waycross \*91.5 WPOQ  
 ID Boise 92.3 KIYS (from KBBK)  
 104.3 KUUB (from KIDQ)  
 ID Coeur d'Alene 102.3 KETB  
 ID Mountain Home 99.3 KJCY-FM (KQKZ)  
 IL Eldorado 102.3 WDRW (WKSJ)  
 IL Joliet \*91.9 WJCH (WUOG)  
 IL Pontiac 103.1 WJEZ (WPOK-FM)  
 IL Rantoul 95.3 WRBZ-FM (WRTL-FM)  
 IN South Bend 103.9 WZZP (WXMG), Zip-104, r  
 IA Brooklyn 98.3 KSKB  
 KS El Dorado 99.3 KSPG-FM (KSPG)  
 KS Emporia 101.7 KEGS  
 104.9 KFFX (KLRF), "Fox"  
 KY Lindsberg 95.9 KRUE  
 KY Richmond 101.7 WHCQ-FM (WCBR-FM)  
 LA Jonesboro 104.9 KTFC-FM (KJBB)  
 MD St. Mary's City \*91.7 WSMO  
 MI Mount Clemens 102.7 WKSG (WLSB), adds  
 Detroit to dual ID; "Kiss FM," r (dies), no  
 network  
 MN Foston 107.1 KRDK (KEHG-FM)  
 MN St. Peter \*90.5 KGAC (KSCG)  
 MS Columbia 103.1 WJBC (WJWF; format  
 switching with AM)  
 MO Arnold \*89.9 KCWA-FM (KCWA)  
 MO Camdenton \*90.7 KCVO  
 MO Mexico \*90.1 KJAB  
 MO Piedmont 104.9 KPBW  
 MO Webb City 94.3 KPBT  
 MT Great Falls 94.5 KMOM-FM (KNUW)

## FCC—FM

This column "discovers" a New Radio Network!

MT Whitefish 106.3 \*K292CC (not K292CD, but  
 this one keeps yo-yoing back and forth;  
 wherein does truth really lie?)  
 NV Reno 104.5 KSRN-FM (KSRN; affects 7  
 translators in NV and CA)  
 NY Buffalo \*89.5 WBRF  
 NY Webster \*90.7 WFRW (WIUE)  
 NC Claremont \*88.1 WUDD [gmusic?]  
 NC Lexington 94.1 WBUT (WLXN); change from/  
 OH Mc Connelville 100.9 WTBL  
 OK Ada 93.3 KTLN (KTEN-FM)  
 OK Altus 93.5 KRKZ (KWHW-FM)  
 OK Shawnee \*91.3 KCJC  
 SC Aiken 95.9 WJFX (WPBM-FM)  
 SC Charleston 102.5 WXLV (WKTM)  
 SD Aberdeen \*90.1 KCTL  
 TN Bristol 97.7 W249AK (not W249AH)  
 TX Abilene \*91.3 KAGN [dropped]  
 100.7 KORQ-FM (KORQ; non-ID assumed/  
 TX Bay City 92.1 KMKS (not KMM5), rock  
 TX Belton 106.3 KTON (KTON-FM)  
 TX Borger \*91.9 KJOH (like Book of Job?)  
 104.3 KDXR (KDKO)  
 TX El Paso 94.7 KSET-FM (KSET-FM; non-ID  
 assumed no longer used) [translators]  
 TX Kerrville 94.3 KRLV (KERV-FM; affects w/  
 TX Llano 104.9 KFOJ-FM (KFOJ)  
 TX Port Arthur 93.3 KYKR (KYKR-FM; non-ID  
 assumed still in use)  
 TX Seminole 106.3 KSEM-FM (KIKZ-FM)  
 TX Victoria \*88.5 KHFF [seems!  
 UT Park City 103.1 K276IG, improbable as it/  
 VA Fredericksburg \*89.7 WWWW  
 WA Seattle 96.5 KMMI-FM (KMMI)  
 WV Charleston \*89.5 WYOC  
 WV St. Marys 101.7 WRRR-FM  
 WI Milladore \*89.5 (not 88.7) WGNV  
 WI Tomah 98.9 WVCX (WTMB-FM); assumed to be  
 g. owned by WVCY 107.7 Milwaukee.  
 WY Casper \*91.1 KCEB  
 WY Rock Springs \*91.9 KHRS  
 WY Wheatland 101.7 KYCN-FM (KWEP)  
 MB Winnipeg 97.5 CKIS (CHMM)  
 ON Windsor 91.5 CJAM-FM (CJAM-FM; an  
 AM in Calgary at is now CJAM, 1060 kHz),  
 watch for Windsor's 93.9 to change from  
 CFXK to CKEZ with b1  
 CALL QUESTIONABLES—call "changes"  
 suggested by a reader, but which I question  
 until I see better documentation about  
 the alleged changes: actually taking place  
 AZ St. Johns 95.7 KQZE-FM (not KQZE)  
 AR Texarkana 107.1 KTTW-FM? (KADO AM  
 supposedly changed to KTTW [AM])  
 IN North Vernon 106.1 WINN-FM? (WNNV  
 1460 supposedly now WINN)  
 Facilities Changes Granted  
 AL Tuscaloosa WU2G 92.7 330' (3000 h.v.)  
 AZ Yuma KAYM \*88.9 1250' (100 h.v.)  
 AR Little Rock KABF \*88.3 775' (100000 horizontal)  
 AR Texarkana K244— 96.7 has KMSL 100.1  
 KMSL, OK, from KCFE-FM Tulsa  
 AR Texarkana K244— 96.7 has KMSL 100.1  
 KMSL, OK, from KCFE-FM Tulsa  
 SC Easley WELP-FM 103.9 9330' (3000 h.v.)  
 SC Orangeburg WIGL-FM 106.7 820' (100000/  
 TN Nashville WBYW \*91.1 15000 h.v.; 460'  
 TX Carthage KTUX 98.5 730' (100000 h.v.)  
 TX Mc Allen KQXX 98.5 100' ( " h.v.; drastically  
 reduces coverage to 21, 104 km)  
 TX San Angelo KGKL-FM 95.5 100000 h.v.; 410'  
 TX Seguin KWED-FM 103.3 94000 h.v.; 1115';  
 now a San Antonio rim-shooter?  
 TX Tyler KNUU 101.1 1075' (100000 h.v.)  
 TX Wichita Falls KTLT 106.3 1800h.v.; 425'  
 VT Waterbury WTJJ 103.1 3000 h.v.; 300'  
 WA Omak K265BN 100.9, has KCMS 105.3

CA Stockton K288AN \*93.5 (KEAR 106.9,  
 from KEBR 100.5)  
 KJAX 99.3 2950 h.v. (330')  
 CA Ukiah K244AH 96.7 KmFB 92.7 Mendoc-  
 ino (from KREO 92.9 Healdsburg)  
 K272— \*102.3 (from K285AQ 104.9)  
 CO Denver KUVO \*88.3 22000 h.v. (910')  
 CO Glenwood Springs K205AZ \*88.9 (from  
 K280AH 89.5)  
 CO Sylvan Lakes K244BP 96.7, primary is  
 KRMH-FM 93.5 Leadville CO (not KLMC;  
 KRMH-FM itself off the air, however)  
 CT Bridgeport WEZN 99.9 29000 h.v. (670')  
 FL Miami Beach WINZ-FM 94.9 95500 h.v.;  
 1005' [100000 h.v.]  
 FL St. Petersburg WKES \*101.5 1430' /  
 FL Naples WWSL 103.1 (from 97.7)  
 FL Tampa WNNF \*88.5 adds directional ant.  
 HI Hilo KFSH 97.1 -125' (40000 horizontal)  
 ID Boise KCIJ 105.9 49000 h.v.; 2700'  
 IL De Kalb WNIU \*89.5 500' (50000 h.v.)  
 IL Elmwood Park-Chicago (not Chicago)  
 WAGO 105.9 ("Elmwood Park was buried  
 in the music overlays in the early 1980s")  
 IL Waukegan WXLX 102.3 3000 h.v. (320')  
 IN Chesteron WDSO \*88.3 (not 88.3); still  
 on 88.7, because school board didn't approve  
 funding for new facilities; should return in  
 Feb. '85 with Stereo, but reporter uncertain  
 whether the return would be on 88.3 or 88.7)  
 IN Indianapolis WNAW 93.1 removes directional  
 antenna  
 IA Mason City KLSS 106.1 100000 h.v.; 1000'  
 LA Baton Rouge WBRH \*90.3 2600 h.v. (145')  
 ME Bangor WHCF \*88.5 100000 h.v.; 1600'; G.net  
 ME Waterville WTVL-FM 98.5 (from 98.3) (3000h.v.)  
 50000 h.v.; 300'; MD Berlin WBOC 103.9 330' /  
 MD Hagerstown WXCX 106.9 855' (15000 h.v.)  
 MI Benton Harbor WBRF-FM 99.9 480' (50000  
 h.v., and directional antenna [reduces coverage]  
 MN Fairbault KDHL-FM 95.9 9150 h.v.; 190';  
 MN Mankato KMSU \*89.7 20000 h.v.; 1820'  
 MI St. Joseph WIRX 107.1 2950 h.v.; 345'  
 MS Pascagoula WGOJ 106.3 2650 h.v.; 345'  
 MS Prentiss WJDR 98.3 3000 h.v.; 425'  
 MT Helena KMTX-FM 105.3 100000 h.v.; 1890'  
 NV Carson City KKBK 97.3 70000 h.v.; 2240'  
 NV Las Vegas KLUC 98.5 100000 h.v.; 1200'  
 NH Concord WJYY 105.5 1700 h.v. (430') (104.9)  
 NH Albuquerque K252BS 98.3 (from K285BD/  
 NM Santa Fe KIVA 105.1 50000 h.v.; 1820'  
 NY New York WKCR \*89.9 630 h.v.; 1420' (h.v.)  
 NC Charlotte WRDQ-FM 95.1 1000' (100000/  
 NC Lumberton WGSX 95.7 100000 h.v.; 755'  
 OH Cleveland WCLV 95.5 40000 h.v.; 580';  
 assumed still to be directional  
 OK Tulsa KWGS \*89.5 50000 h.v.; 1065'  
 OR Brookings KURY-FM 95.3 380' (3000 h.v.)  
 OR Cave Junction K215AR \*90.9 (from  
 K214AR 90.7)  
 PA Freehold WQEG 103.1 725 h.v. (680')  
 PA Philadelphia WEAZ 101.1 14000 h.v.; 940'  
 WMGK 102.9 8500 h.v. (1010'; reduces  
 coverage)  
 SC Easley WELP-FM 103.9 9330' (3000 h.v.)  
 SC Orangeburg WIGL-FM 106.7 820' (100000/  
 TN Nashville WBYW \*91.1 15000 h.v.; 460'  
 TX Carthage KTUX 98.5 730' (100000 h.v.)  
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 VT Waterbury WTJJ 103.1 3000 h.v.; 300'  
 WA Omak K265BN 100.9, has KCMS 105.3

January, 1985 [air]

NH Concord W201AC is \*88.1 (not 88.3); on/  
 Edmonds WA on it, not KKPL 96.1  
 Opportunity WA  
 WV Princeton WKWV 100.9 685' (640 h.v.)  
 WY Worland KENB 96.1 (from 95.9)  
 50000 h.v.; 380'  
 PR Rio Piedras WFID 95.7 32000 h.v.; 1990'  
 Ver. MEXICO, Cordoba XHPT 92.1 (x-91.9)  
 "Mic." Zamora XHZN 91.9 (from 92.1),  
 Estereo "Color"

## Formats/Networks

AL Birmingham WAPI-FM 94.5 r, "FM-95"  
 AT Chickasaw WDLT 98.3 rock [r]  
 AL Selma WTUN 100.1 rock  
 AZ Cottonwood KSKM 95.9 r; affects kits  
 AZ Sedona KOST 100.1 mj (a Gary Gilbert  
 has a nightly jazz show)  
 AR Clarksville KLYB-FM 92.2 country  
 CA Los Altos KLTZ 97.7 beautiful music  
 CA Lakeport KNTI 99.5 m, Mutual; not sure  
 if stereo or not as signal not received by  
 our area reporter. Station on the air!  
 CA Livingston KOST 95.9 Spanish/latin,  
 dual ID with Merced; "Radio Canto" (not  
 strict)  
 CA Sonoma KVML-FM 92.7 r ("Don't think  
 they were ever k, though they've tried about  
 everything else at some time; perhaps your in-  
 formants had KRJJ Paradise, as it is k")  
 CT Meriden WKSX 97.7 listed as going to rock,  
 but no indication the move has taken place;  
 watch to see if "Kiss" comes about!  
 ID Burley KZDX 99.9 (ock) [ "K Double U"  
 ID Emmett KXUB 101.7, IDs with Boise; /  
 ID Jerome KJMA 102.9, no U network  
 ID Rexburg KQOT 98.3 r, Stereo assumed  
 ID Weiser KWEL-FM 99.3 no C net; ABC, but  
 which ABC network not specified  
 IA Des Moines KMKG 93.3 now said to be k  
 LA Lafayette KSMW 94.5 rock  
 LA Shreveport KWKH-FM 94.5 k  
 ME Lewiston WAWY 93.9 k  
 MS Jackson WJSS \*88.5 P (Nat. Pub. Radio)  
 NE Fairbury KJTT 99.3 k, "stereo rock" (not  
 strict) on air! Also has some pulsa  
 afternoons and Sundays, Satellite Music  
 network for new and some of the music  
 NM Albuquerque KFLD \*91.5 P (NPR)  
 ND Minot KHTT 97.1 and 103.1 translator  
 have r; slogan like "K-Hi?" [air]  
 OH London WKXN 106.3 s (black) [air]  
 OH West Union WRAC 103.1 said to be off the  
 OK Sallisaw KAZZ 95.9 k (simulating its Akr;  
 tower moves closer to Fort Smith AR, making  
 the Mt. Magazine 95.9 AR translator signal  
 harder to get by the people it is intended to  
 serve; KAZZ now a Fort Smith rim-shooter)  
 PA Philadelphia WMMR 93.3 rock  
 TX Marshall KMHT-FM 103.9 rock  
 TX Whitehouse KEYP-FM 99.3 r, "Y-99"  
 UT Salt Lake City KLTG-FM 93.3 rock  
 ON Windsor CFXK 93.9 m (deciding against  
 going rock—but watch this column for  
 further changes in call letters and music; to b)  
 VT Rutland WJRR 98.1 now b—is stereo!  
 FM Station Affiliates—Moody Broadcast-  
 ing Network (IMS, or "MBN," which had  
 previously been confused with "NBN,")  
 and supplied by Nick Lombardi. He got  
 the list from Moody headquarters, Chicago  
 Coded "G3" in this column and my book.  
 AL Birmingham WGBB \*91.9 G  
 AL Montgomery WLBF \*89.1 G  
 AK North Pole KJUP-FM 100.3 G  
 AZ Lake Havasu City KNLB \*91.1 G  
 AR Hot Springs KSCB \*90.1 G  
 CA Merced KAMB 101.5 G  
 CA Redding KVPF-FM 98.1 G

## FCC—FM

FL Apopka WTLN-FM 95.3 G (from Y network)  
 FL Boynton Beach WRMB 99.5 G  
 FL St. Petersburg WKES 101.5 G (from U)  
 GA Cumming WVEE 91.5 G (not B)  
 GA Springfield WQEC 103.9 G (from M)  
 ID Twin Falls KCRJ 90.7 G  
 IL Chicago WMBH-FM 90.1 G (not B)  
 IL East Moline WDLW-FM 99.3 G (not B)  
 IN Covington WFOF 90.3 G  
 IN Elkhart WFRN 104.7 G (from M)  
 IN Plainfield WXIR 98.3 G (not B)  
 KS Fort Scott KFTS 101.7 G (from M)  
 MD Prince Georges WOLC 102.5 G  
 MD Williamsport WCRH 90.5 G  
 MN Blue Earth KJLY 100.9 G  
 MN International Falls KBHW 99.5 G  
 MN Ottertail KCGN 101.5 G  
 MN Pequot Lakes KTIG 100.1 G (from U)  
 MT Hare KXEL 96.1 G  
 MT Kalispell KALS 97.1 G (reporter speculates main channel may be B, but we cannot assume that, as Moody announced it will affiliate with stations regardless of format)  
 NE Omaha KGBI 100.7 G (not U)  
 NH Henderson KLA 95.5 G (not B)  
 NM Albuquerque KLM 98.3 G  
 NY Bath WKIC 103.1 G  
 OH Cleveland WCRF 103.3 G (from U)  
 OH Holland WPOS 102.3 G (from S)  
 OH Mansfield WVMC 90.7 G  
 OH Springfield WEEC 100.7 G (from U)  
 OH Upper Sandusky WYAN 95.9 G (from M; format change from m7)  
 OR Portland KPQQ-FM 93.7 G  
 PA Du Bois WDBA 107.3 G (from S)  
 PA Jersey Shore WUSA-FM 93.5 G (on air, mono)  
 PA Lancaster WDAC 94.5 G (from U)  
 PA State College WTLN 99.9 G (from S)  
 PA Sweet Valley WRGN 88.1 G (Moody list shows Huntlock Creek location)  
 SC Columbia WMMH 89.7 G (from U)  
 TN Bristol WHCB 91.5 G  
 TN Chattanooga WMBW 88.9 G (not B)  
 TX Dallas KVTI 91.7 G  
 TX Houston KHCB 105.7 G  
 TX Humble KHSJ 88.1 G  
 TX Tyler KVNE 89.5 G  
 VA Fredericksburg WYJY 90.5 G  
 VA Edmonds KQMS 105.3 G  
 WA Spokane KMBI-FM 107.9 G  
 WI Lancaster WUTY 88.1 G  
 WI Milwaukee WVCY 107.7 G (from U)

## Stations/NonIDs

AL Auburn WFBI 92.7 FM (not 92.1)  
 AL Arab WCRD 92.7 FM  
 AL Canton WEEZ 92.7 FM  
 AL Birmingham WENN 107.7 FM  
 AL Gullman WKLM 92.1 FM  
 AL Fayette WHKW 98.1 FM  
 AL Haleyville WBBB-FM 92.7 FM (not 92.1)  
 AL Jasper WWWW-FM 102.5 FM  
 AL Talladega WHTB 92.7 FM  
 AL Tusculum WTTG 92.7 FM



CO Breckenridge KSMT 102.3 KSummit (strict, no stereo (temporary, until some translators can be built by early '85 to help spread the signal around and cut down on multipath), (softened under new owners)  
 CO Sterling KMXX 105.5 Max-FM (strict, r)  
 FL Panama City WPAP 92.5 FM (not 100,000 watts, instead of the listed power of 95,000 watts (license rounding-off))  
 IL Chicago WLS-FM 94.7 FM (not 100 Rock 99)  
 LA New Orleans WRNU-FM 99.5 FM (not 100)  
 MA Boston WHIT 103.3 Hit Radio ("Sunny")  
 MN St. Paul KSTP-FM 94.5 KS-95 (not, MS Columbus WMLW 88.5 FM Plus; r)  
 NE Ogallala KOGA-FM 99.7 Music 99; r  
 TN Nashville WLAC-FM 105.3 106-FM

## Proposed New SCA Symbols Thrown at You

TX Childress KQAI 35.9 The G  
 TX Nashville WLA-FM 105.9 106-FM  
 TX Dallas KERA 90.1 90-FM  
 TX Farwell KLZK 98.3 Lite Rock 88  
 TX Graham KWKQ 107.1 FM-107  
 WA Spokane KZZU 92.9 Zoo; r [Ocho]  
 Nay, MEXICO, Tepic XHNF 97.11 "Novienta/  
 Ver. JalapaK-... 103.7 "Ciento Trece," new  
 station on the air  
 Ver. XHRN Veracruz 96.5 Esta es RN  
**Broadcasting in Stereo (\$)**

AL Oneonta WKLD 97.7 FM  
 AZ Clifton-Morenci KXJJ 95.3, to be rock  
 AZ Payson KKKJ 103.9 G, Stereo and k on all of  
 the KKKJ translations, as well  
 MD Grantsville WAIJ 90.3 G  
 MN Lordeburg KXXX 97.7 (of which KXJJ 95.3  
 will be a "glorified translator")  
 TX Brownfield KTKC 103.9, K 104 (strict)  
 TX Malakoff KCKL 95.9, K 104  
 WI Wausau WJOW 107.9 "91.7, r, on air!"  
**Multi-City IDs in Use**

AR Fayetteville KEZA 107.9 adds Fort Smith  
 IL Mount Zion WJXF 99.3 adds Decatur  
 IN Crown Point WWJY 103.9 adds Merrillville  
 IN Lowell WZVN 107.1 alternates on each hour:  
 Lowell with: Dyer; Griffith; Hammond;  
 Highland; Hobart; Munster; Portage; Saint  
 John; Valparaiso  
 MI Holland WYXX 96.1 adds Grand Rapids  
 NJ Parlin W220AA 91.9 adds South Amboy  
 MN Lordeburg KXXX 97.7 adds Silver City  
 OK Poteau KZZE 97.9 adds Fort Smith AR  
 NM Grants KZTB 102.3 adds Milan  
 OR Creswell K205AY 88.9 adds Cottage Grove  
**SCA († 67 kHz)**

AR Fort Smith KISR 93.7 no SCA (rare telemetry  
 and experimental paging)  
 CA Roseville KPQP 93.5 1A networks  
 GA Buford WGO 102.3 no SCA; discontinued  
 SCA music after only one month  
 MI Sault Ste. Marie WSUE 103.3 1G (Moody  
 network off satellite; started Dec. 1)

SCA/Translator Main Channel FMystery  
 AK Kodiak KZTB 102.3 gets its program via  
 SCA from KGTI 103.5 Homer AK, so whatever  
 KGTI's SCA has must be KZTB's main  
 carrier! I have written KZTB but so far no answer.

**Proposed new SCA symbols, submitted for  
 your consideration and commenting on.** In  
 a two-column arrangement, such as in the  
 "FM Atlas," first column would be 67 kHz,  
 second column 92 kHz, without use of the t  
 symbol. Note: a growing number of metro-  
 politan stations are broadcasting low-fre-  
 quency tones at 57 kHz in conjunction with  
 Blaupunkt's ARI system of road information.  
 [The latter from Jerry Le Bow, Valhalla, NY,  
 who is bringing the ARI system to this country.]

A ABC network relay  
 C CBS network relay  
 E Ethnic and foreign language  
 F Farm and financial news (voice)  
 G Gospel and religious programming  
 L Mutual network relay  
 M Music, usually easy-listening, but some  
 stations program rock  
 N NBC network relay  
 P Paging (voice)  
 R Physicians' news  
 R Relaying of AM or FM stations, or of networks  
 not having a special code, such as state  
 news networks  
 S Sports or special events (occasional audio)  
 T Talking book for the blind; reading services  
 W Weather

January, 1985

X Data noise; alphanumeric to interface with  
 computers  
 Y Tones or telemetry warbles (listed only if on  
 the majority of the time a station is on the  
 air)

**Comments:** Some categories could be elimi-  
 nated or combined. For example, no sta-  
 tions have a "W" SCA, although it is a ser-  
 vice the FCC provided for when it thought  
 through the SCA system. "R" and "S"  
 might be combined. On the other hand,  
 there is so much interest in the various data  
 SCAs that I would favor adding at least one  
 more letter "Z," if a meaningful way were  
 devised to categorize data services other than  
 that presented above. Category "Y" excludes  
 stations using telemetry only once every  
 three hours for meter readings, when an open  
 carrier would otherwise be on. It also ex-  
 cludes tone pagers on an open carrier when  
 the tone pagers are on only infrequently.  
 And stations having only an open carrier  
 would be omitted.

## Fmistakes—5th ed. FM Atlas Errors

AR Mammoth Spring (not Mammoth Springs)  
 KAMS 95.1, p. 123  
 CA Delano (not Delany) KZAY, p. 139 [p. 136  
 CA San Diego KSDO 102.9, town name missing,  
 CA Visalia KNTN 92.9 (not KSEQ), p. 120 [141.  
 IL Granite City (not Granity City) KWK 106.5, p.  
 IL Le Roy WTVN (x-WMLA) 92.7 (not 99.3) p. 44.  
 IL LaGrange WLLT 88.1 p. 88 no \$; p. 112 \$, is  
 stereo [112 \$; the station is in Stereo.  
 MI Ann Arbor WCBN 88.3 WCBN, p. 92 no \$, p.  
 MI Houghton 101.7 WGLG 91.1 (not 91.1), p. 92  
 MI Marquette WMQT 107.5, not 107.5, p. 92  
 MS Starkville WKOR 92.1 (not 91.1), p. 94  
 ND Vandalia (not Bandalia) Kmlr (now KZKH)  
 100.1, p. 131

NI Morrisstown WJSV 90.5 (not 90.3), p. 96  
 NJ Cape May Court House 105.5 height is too  
 much for 3 kw (should be 290'), p. 140.  
 NY Valhalla WARY 88.5 (not 88.3), p. 98  
 ND Williston (not Willison), p. 50  
 UT Jonction KGVH 91.7 delete, p. 104  
 UT Mt. Pleasant KMTT 91.1 delete, p. 104 [106.  
 WV Parkersburg WDAQ 103.1 (not KQAW), p.  
 AT Leithridge (not Leithridge) KQAF-FM-2  
 99.3, p. 130 [111  
 SA Saskatoon CHSK 89.7 add height of 150',  
 p. 111  
 Richard Reese then carefully compared parts I and  
 2 of the Station Directories and noted network  
 discrepancies. Part I discrepancies are listed first,  
 then Part II discrepancies, with the correct answer  
 to resolve the discrepancies given last. In cases of  
 doubt, where both seemed plausible, I went with  
 the listing given in the 1984 "Broadcasting Year-  
 book." Sometimes you will find the answer to be  
 different from either of the two given originally.  
 So here are the

**Network Discrepancies—and Solutions**  
 AL Alexander City WRFS-FM 106.1 Y, no  
 network; answer is Y  
 AL Troy WIGC 105.7 S, no network; no network  
 AZ Globe KIKO-FM 100.3 C, no net; C  
 AR Fort Smith KMAC 99.1 E, Y, Y  
 AR Haber Springs KSPA 96.7 I, no network; I; K-  
 97 nonD assumed no longer in use  
 AR Hot Springs KSPA 96.7 I, no network; I  
 AR Pleasant Springs KMA 105.7 S, no net; S  
 CA Bakersfield KGF 101.5 S, no net; no net  
 CA Carlsbad KHTX 103.7 D, no net; D  
 CA Fresno KFYE 93.7 no net; R; no network  
 CA Healdsburg KHY 92.7 no network; M; no net  
 CA Oakhurst KAAT 107.1 no net; R; R  
 CA Palm Springs KDES 104.7 Y, R; R  
 CA Red Bluff KALF 95.9 D, no net; D  
 CA Redondo Beach KFOX 93.5 M, no net; no net  
 CA San Jose KJVS 90.7 M, no network; M  
 CA San Luis Obispo KCBX 90.1 P, no net; P  
 CA Santa Rosa KVRK 101.7 S, no net; S  
 CA Seaside KMBY 107.1 no network; A; A  
 CA Sonoma KVMF-FM 92.7 A, no network; A  
 CA Stanford KZSU 90.1 U, no network; no net  
 CA Stockton KSRK 89.5 no network; M; M  
 CA KFM 100.1 T, no network; no network  
 CO Colorado Springs KRDO-FM 95.1 no network;  
 M; no network

## FCC—FM

CO Durango KDUR 91.9 S, no network; S  
 CO Salado KVRH-FM 92.1, no network; S network  
 CO Sterling KSTC-FM 104.7 D, U; D  
 CT Norwich WITY 87.7 A, Y, no network; Y  
 CT Westport WEBE 107.9 S, no network; U  
 FL Bradenton WDUV 103.3 I, no network; no net  
 FL Cocoa WEAZ-FM 99.3 no network; Y; no net  
 FL Daytona Beach WKFL 101.9 (was WDOG) A, no  
 network; no network  
 FL Miami WEDR 99.1, no network; Z  
 FL Pensacola WQWW 107.3 no network; Y; Y  
 FL Titusville WJAX 98.3 I, no network; no net  
 GA Atlanta WRAS 88.5 no network; D; D  
 GA Griffin WKUW-FM 97.7 S, no network; S  
 GA Savannah WHCJ 88.5 U, no network; U  
 IL Glenview WMMW 88.5 (from 88.9) no network;  
 A; is Mutual  
 IL Kankakee WBVG 99.9 A, no network; A  
 IL Monticello WVJL 105.5 U, no network; no net  
 IL Park Ridge WMTW 88.5 no net; U; U  
 IL Winnetka WNTW 88.1 no net; U; U  
 IN Booneville WBFL-FM 107.1 M, no network; M  
 IN Evansville WVIN-FM 88.3 no network; P; P  
 WI KWKY 104.1 S, no network; no network  
 IN Indianapolis WIAN 90.1 P, no network; P  
 WEDM 91.1 no network; U; is S  
 WFBQ 94.7 T, T

IN Winchester WZZT 98.3 no network; M; no net  
 IA Ankeny KJLY 107.9 C, no network; C  
 IA Cedar Rapids WMTB 96.5 S, C; C  
 IA Spencer KICD-FM 107.7 S, U; U  
 KS Garden City KBUF-FM 97.3 no net; I; I  
 KS Hays KZNA 103.9 U, no net; U; U  
 KS Wichita KFDI-FM 101.3 M, no network; no net  
 KY Hazard WSGS 101.1 N, no network; N  
 KY Pikeville WVKM 100.5 no network; N  
 LA Baton Rouge WAFB-FM 98.1 O; Y  
 LA Bayou Vista KKKI 95.3 no net; U; no network  
 LA Monroe KWEE 104.1 N, M; no network  
 ME Sanford WBSI 91.1 T, T  
 MD Baltimore WYXX 97.9 K, no network; K  
 MD Bethesda WTKS 102.3 no net; U; no network  
 MA Amherst WMAU 91.1 no network; U; is S  
 MA Bridgewater WMB 91.1 no net; I; Y  
 MA Adrian WKAC 107.9 no network; M; no net  
 MI Ludington WVAF-FM 106.3 no net; I; I  
 MI Midland WJGN 99.9 no network; U; U  
 MI Port Huron WSAQ 107.1 M, S; M  
 MI Sandusky WTVG 97.7 no network; I; I  
 MS Columbia WFFF-FM 96.7 M; U; M  
 MT Butte KOPR 101.1 no net; I; I  
 MT MT. Mahtah KMMR 101.1, no network; I  
 MT Missoula KQOY 100.1 no network; K; K  
 NE North Platte KZDY-FM 94.9 N, C; C  
 NV Las Vegas KLVJ 98.1 no net; I; Y  
 NH Concord WKXL-FM 102.3 no net; C; is O  
 NH Wolfboro WLKZ 104.9 S, no network; S  
 NJ Whippany WHPH 100.5 no network; S; no net  
 NY listing is out of alphabetical order  
 NM Albuquerque KFLQ 91.5 P, no network; is P  
 NJ KKKJ 100.3 no network; M; no network  
 NM Carlsbad KATK 92.1 R, no network; is Y  
 NM Farmington KRAZ 96.9 R, N; is no network  
 NM Grants KLLT 95.3 no network; E; E  
 NM Las Cruces KRWG 90.7 P, A, P, is just P  
 NY St. Bonaventure WSB 108.1, no network; I  
 NY Stony Brook WBSR 90.1 U, no network; no net  
 NY Utica WROU 96.9 no network; A; A  
 ND Dunn WDDO 101.2 Z, R; S; is no network  
 NC Sanford WJFA 105.1, S; is no network  
 NC Shelby WKIX 96.1 M, no network; M  
 NC Wilson WRDU (was WXYV) 106.1 I, no network;  
 is no network

OH Columbus WNCV 97.9 Y, no network; Y  
 OH Miami Beach WFCJ 93.7 no network; S; S  
 OH Mount Vernon WVDV-FM 93.7 S, no network; S  
 OH New Lexington WJWM 106.3 no net; U; is S  
 OH Oxford WMBW 88.5 RS, PS, is PS  
 OH Sandusky WCPZ 102.7 no network; M; M  
 OH Sidney WMMR-FM 105.5 no network; M; M  
 OH Wapakoneta WAXQ 92.1 Y, no network; Y  
 OH Wellston WKOV-FM 96.7 no network; U; is I  
 OK AKA 96.7 M, no network; is no network  
 OK Clinton KQES 95.3 M, no network; is S  
 OK Eufrasia KCES 102.1 A, no network; A  
 OK Oklahoma City KATF-FM 100.5 I, no net; I  
 OK KAEZ 107.2 Z, no network; no network  
 OK Okmulgee KQOK 94.3 I, no net; no network  
 OK Pauls Valley KGOX 97.7 M, no net; no network  
 OK Poteau KZZE (was KLUP) 97.9 T, is no net  
 OK Tulsa KRAV 96.5 R, no network; no network  
 OR Ashland KCMF-FM 90.1, no network; T; T  
 OR Klamath Falls KJIS 98.1, no network; I; I  
 OR Pendleton KUMA-FM 107.7 no net; E; no net  
 OR Portland KCMR-FM 97.1 Y, no net; no network  
 PA Allentown WMLH 91.7 M, no net; no network  
 PA Carlisle WDCV 88.3 Y, no network; Y  
 PA Lancaster WILM-FM 96.9 no network; A; A  
 PA Pittsburgh WAMO-FM 105.9 82; Z; just Z  
 SD Sioux Falls KPAT 97.3 A, no network; no net  
 TN Chattanooga WSKZ 106.5 S, I; is no network  
 TN Columbia WKOM 101.7 S, T; no network  
 TN Humboldt WDDO 101.2 Z, R; S; is no network  
 TN Memphis WMMF-FM 95.7 Y, no network; Y  
 TN Savannah WQFM-FM 101.7 E, no net; N; T  
 TX Alice KBIC 102.3 U, no network; no network  
 TX Beville KISB-FM 104.9 I, no network; is U  
 TX Brownsville KRUX 99.5 I, K; K  
 TX Dallas KERA 90.1 P, is only P  
 TX KVI-FM 103.7 Y, E; is S  
 TX Lubbock KSRK 90.5 no net; S; S  
 TX Sinton KNGN 103.9 U, no network; no network  
 VT White River Junction WNHV 95.3 I, no net; is M

## Radio Stations You Can Pick Up For Free?

January, 1985

## Readers' Reports and FM News

"I just recently, after a long wait, received the ninth edition of the 'FM Atlas,' and am very pleased with it. Up until now, I was never much interested in FM, but since studying the book, I have now become somewhat of a DXer (for FM)!... Since having the book, I have finally hooked my regular TV antenna (which picks up FM signals) to my stereo system, so now I am discovering FM stations that I never knew existed!" writes Ben R. Wilkie. "My system is a reasonably good Technics. I wish the AM/FM receiver were digital, but still it seems to have quite good frequency separation and it's quite simple to tell what channel you're on... I hope this letter gets to you in time for the January edition of the VUD..."

"The December VUD provokes a few comments" from Joseph Fela: "WLFR 91.7 Pomona NJ came on in early November. And, yes, they are in stereo. Seems to be mostly rock, although my listening to them has been very limited."

"About WZZE Glen Hills PA getting 97.7 (ex-88.7 and Delaware). NRCer Dave Schmidt is handling this and assures me that there is an error in your listing. He was after and claims he got 97.3. There is quite a story on this one. WZZE 88.7 ceased operation back in 1980 for good. For whatever reason(s) it was never deleted and was shown as an active station and Dave managed to get a transfer of license, etc. to what-ever school he's representing in this change. He seems to feel the 17 watts will get out nicely since the location is about 500 feet above sea level." (I'm going to leave it on "97.7 until I hear differently from official sources—it could be the FCC perceived some interference problem and changed the application request from 97.3 to 97.7. Also, here is an idea for others: there are many "deleted" school stations listed in this column over the past several months which may actually have their licenses yet, including some translators in that category. If one of those is near you, as you flip back through previous columns, consider doing what Dave has done and work to reactivate it. You can do that on your own, or through some other nearby institution [school, church, community group], and put a radio station on the air for virtually nothing!)

Richard Steinberger sent a sensitive and long article about Simon Geller and his problems in keeping WVCA 104.9 Gloucester MA on the air. The station operates out of a basement apartment in which Geller, 64, lives. "Several weeks ago Geller was asking for donations to help finance a move, apparently he has to leave his basement on Jan. 30 or Feb. 30," says Richard. The article was in a new magazine, "New England Monthly," headquartered in Haydenville MA, "a village of Williamsburg," the October, 1984, issue.

Nick Lombardi is a fan of SCA muting for listening to background music. "Some years ago I discussed the subject of SCA muting with the chief engineer of WSB-FM 98.5 (back when they had music) and he said muting was a convenient, effective way to silence receivers during pauses in the music, and without it the poor signal-to-noise ratio of the system, and crosstalk, would be noticeable. So I think many of your customers will wish they had the feature after the initial novelty of the [SCA] device wears off." Nick points out that WPAP 92.5 Panama City FL's SCA mutes between selections, as does "every single" music SCA he's heard recently. [While in Denver I noted music SCA stations KVOB as having muting, but KBRQ 105.1 did not mute. I called the KBRQ operations manager and congratulated him on the fine-sounding SCA, including the excellent Christmas music that could be heard right after Thanksgiving, and he seemed unconcerned; said another company is putting on the music.]

KNTI 99.5 Lakeport is on 24 hours a day, having Larry King from Mutual from midnight to 5 a.m. What qualifies it as an M network affiliate in this column is not Larry King, but the fact that it carries hourly Mutual network newscasts. It also has Karl Haas' "Adventures in Good Music," c. at 10 p.m.

Jim Pizzi says that, after hearing Es into Old Mexico in December, he's convinced "Mexican FM is in a state of rapid change. Could you write the Mexican government for information?" [Yes, I will shortly, using a Spanish-language form Richard Wood devised.]

Quite a few readers were observant and kind enough to send me copies of an article by Eric Zorn in the Nov. 26 Chicago Tribune. The article, Sec. 5, p. 7, "Some FM Stations allow 2d Signal to Hitch a Ride," says: "For less than \$100 hobbyists can order kits or converters from FM Atlas Publishing, Adolph MN 55701, that will allow them to browse through the exotic subcarrier library free of subscription charges. Be advised, however, that the law frowns on this practice, as it does on the pirating of subscription television signals." I've gotten over 50 inquiries from this article to date, and another article in "Electronic Servicing & Technology," Nov., 1984, has yielded close to 200 reader inquiries. The Dec. "Stereo Review" mentions the new FM Atlas, but response has been sparse compared to past years when my book has been mentioned in that magazine.

KBIG 104.3 Los Angeles has been making a subtle change from "beautiful" to "easy listening," in which strings are less featured; same format is said to exist at KOIT 96.5 San Francisco. New financing is looked for by SunGroup stations, including WKXX Birmingham, WMYU Sevierville TN and WYHY Lebanon-Nashville. This according to a news release sent by the group, whose stock is traded over the counter under the symbol "SUNN."

## FM Translators: An Insider's View

Chuck Crisler, Greenwood AR, an FM station and translator owner, as well as a consultant, tells why he operates various FM translators in Arkansas and Arizona.

## Double Eagle Broadcasting

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The only way I have figured out to make expenses is to charge the primary station for it, and this is what I do. I have both KOST (Sedona AZ) and KSMK (Cottonwood AZ) on three-year contracts. Our experiment with the Phoenix and Tucson stations has not been so productive, as they are not by and large willing to subsidize. The beautiful music in Flagstaff (K280BU) is currently a panacea to keep the Forest Service happy, as the employees at the Ranger Station like it. The Forest Service for all practical purposes owns all of the electronic sites in Arizona that are any good, so by keeping them involved and happy, I get stuff done in 30 days that normally would take a year. The Payson (KKJJ 103.9) network may or may not ever pay out for me, as I am currently not getting anything out of it financially. However, I will share indirectly in the profits if they ever sell anything in any of my markets. In about six months I will switch to something else if it doesn't pan out.

What happened on K288CQ Tucson (see New FM Stations, 1st page of this column) is that we originally wanted to import a Phoenix station, and the local broadcasters objected on anti-competition grounds, claiming that a 10-watt would do harm to their 100,000 watts. Rather than risk the application, I changed the primary station to one of the locals (KJYK) to help them fill in a hole until they upgrade their main station. That will be temporary, until I can find a customer for long haul. As yet I haven't found anybody interested who will also subsidize the operation. My other Tucson-area CP is for Summerhaven, which is on the top of Mt. Lemmon, north of the city. That is K292CM. About the only reason for this one is my interest in neat little "resort" communities that sit on tops of mountains, or other places that I can have a tax deductible reason to go visit. This also is my reason for having a CP at Winter Park CO (7) and one at Silver Dollar City MO (probably K280CC 103.9 Kimberling City, which is in lake country). As yet to be seen whether any of them will develop profitably or not.

My intention with Silver City-Lordsburg (site on the continental divide, moving from 249A to 250C), and Clifton-Morenci is to sell them either as construction permits, or build and sell as soon as possible. I am much more interested in other markets now than I was originally when the applications were filed. So, what will happen to them may or may not be within my jurisdiction. Currently, plans are for KXXX 97.7 to go with Transtar popular music format, and to be repeated via translators. KXJJ would be a glorified translator for KXXX, with only minimum local programming. So, if I build them, that is the intent, to be stereo with Transtar satellite format. If Payson ever gets its rulemaking to go Class C, there is a possibility of inter-linking all three stations with a translator network to boot. There is currently a monumental rulemaking in the works by which Prescott and Payson would get Class C upgrades, our Kingman channel would be shifted from 105.9 down to something else, and Las Vegas NV would end up with an additional Class C. While I do excel in getting what I want in the rulemaking process, it always seems to take just long enough that I am exhausted and unable to stick it out long enough to enjoy the fruits. Nevertheless, my work will have a long-term impact on improved FM availability in Arizona!

John LaTour's original intentions (J&J Broadcasting, now Power DuPre Broadcasting) in Fayetteville was to have KCFO at three sites to cover all of the Fayetteville, Springdale, Rogers market. He is fairly well covering from just the Fayetteville site currently (K261AX), and I guess he has the Rogers one on the air, but not doing much with it coverage-wise. He was trying to switch the Springdale one to classical music (from Owasso OK) and sell it to a group of interested investors the last time I checked. The site change would not have been approved by the Commission if they had realized it was going to the same site as the other KCFO unit, so I assume they approved the site change and primary station change at the same time, but DataWorld must not have picked up on the primary station change. This is my only explanation. But, as you were saying, it is going to be hard to keep any stability on primary station information now that licen-

sees can change this at will. I was very much in favor of the rule revision myself, as if I had a station who stifled me, or otherwise reneged on an agreement, I was stuck carrying them anyway until such time as the major change application could go thru, which sometimes is months. In the meantime, when my application to change primary station appeared on the cutoff list, the original primary station could file objections, or put somebody else up to it, which is tantamount to going into perpetual limbo at the FCC. All very risky business, and very little profit potential anyway, so far. Now if somebody doesn't pay the bill, I send a technician up the mountain, and switch it off to another station. You'd be surprised how quick they pay up under those conditions!

You might be interested in the Albuquerque situation, which I am just about to get into. All of the translator stations and/or pending applications are essentially on the 2nd or 3rd adjacent channels of various new Santa Fe area stations. I had filed on 292 prior to KNMQ coming on the air, but now that they are on, my application is in jeopardy by virtue of being inside their predicted 1 mV/m contour. Likewise, are the two mutually-exclusive apps on 288, which is the 2nd adjacent below KNMQ. There is another proposed Santa Fe station that will kick the existing translator operator in the head, and it could well turn out that Albuquerque ends up with no translators at all. About the only solution I can come up with is to go C-waver, which is not being allowed currently at the Commission. The rules state that if all Class A channels are used up, one can file on a Class C channel. Under Docket 80-90, all Class C channels are essentially open for Class A use anyway, so it doesn't make sense that the FCC is opposed to opening them up for translators. In the past, I know of several translators west of the Mississippi that were allowed on Class B/C channels, but for some reason currently, the staffers won't accept any such requests. The whole Auxiliary Services branch seems to be run with a great deal of personal discretion by the staff members as to what will and won't be accepted. And their whims change daily (one of my personal gripes these days).

I have a translator in Omaha that I have been trying to unload, so let me know if you hear of anybody interested. Currently it is supposed to be on channel 288, but the last I heard, the engineer from the primary station was jacking around with it, and testing on 285 (but still with calls K288CL; a Janis Holm is listed in DataWorld as applying for a KBWH 30-watt translator on 104.9). The primary station [KBWH] is owned by some Blacks, so thus far by virtue of being minorities, we have been able to do just what we wanted with the translator and not get into any trouble. I think before anything happens, I need to get rid of it, or find a local person to keep tabs on it for me. Down the line, I have another station interested in it (new Class C at Central City NE), but it will be at least another 6 months before the Central City station is on the air. They found a UHF (actually—KSGT, channel 6 tower near Genoa NE) TV tower to get on, about 20 miles away, so they have the logistical problems of putting in STLs, and the like to get signal up to the tower. Still, I understand they are going to have the best FM coverage [on 100.3 mHz] in Nebraska of all other FM station once they are done with it. How I get involved in all this stuff I'll never know, as I don't ever go to Nebraska except by accident.

There is still a lot of discussion about what is a commercial and what is a fund-raising announcement vis-a-vis FM translators. We are thinking about going that route on K280BU Flagstaff.

I sold all my Arkansas and Oklahoma translator interests, but all remain on the air with the exception of the 95.9 at Magazine AR, which is experiencing loss of channel due to increase in tower height of KSSN at Little Rock and move of KAZZ Sallisaw several miles farther toward Fort Smith. Actually, the 95.9 translator is still on the air, but most people can't get it, due to overload from one or the other of two "interfering" stations. The KCFO-FM network of translators (Tulsa-based Christian music) continues to grow, though for all practical purposes I am no longer associated with it. As you know, the FCC turndown of the Moody Bible Institute petition pretty well kicked that in the head beyond the immediate reach of the KCFO mother station. We had counted on being able to use satellite or common carrier feed to go elsewhere. Out in the West... K276BZ Sunflower on the air with good coverage up and down state highway 87 into Phoenix suburbs. Tom Rockler still in litigation on his Class C at Tucson 107.5 (more than 8 years in process), but hopes to overturn the FCC decision granting CP to his competitor, based upon competitor's loss of transmitter site due to FAA objections. Tom Rockler's cousin who owns a pizza joint at the Grand Canyon has a CP for a new station on 92.1 at Tusayan. We are preparing a translator network to get it some coverage up and down the highway in the Williams area. Speaking of Williams, the CP there expected to be granted on 96.7 to Stanley Soho, who has the AM on the air there, now with reduced power. He will be able to simulcast the FM on AM; calls to be KDAN-FM.

On the subject of SCA, I have been talking to Seeburg music, so there is some possibility there. I will take my SCA radio out next trip to see what I can find on some of the other stations... John Clark (K258K-FM) signed off the air, so did George Whitaker's backlund music service on SCA. George is over in Oklahoma these days building a UHF TV station at Muskogee, so probably didn't care... Up in your country, my K265BK at Decorah IA being displaced by new Class A station on that frequency. We are trying to move it to 99.3. That translator for KQYR Spring Grove MN, which used to be owned by my buddy John White. [Lots here. I'd think the best prospects for putting on a translator would be small-town stations that would appreciate coverage into nearby, larger cities.]

A few final comments from Mr. Crisler: "My Seeburg contact out in Phoenix is currently using the KHEP SCA, so he is very much up in air about what is going to happen to him when the management changes at the station. I gather the new US-Mexican agreement is about to legalize the use of the new SCA basebands in Arizona and New Mexico areas, so might be some more potential there. Unfortunately, KKJJ at Payson is 1 mile within the Mexican zone, so we still come under the old rules. Do you have any recommendations for our SCAs at Kingman, Payson, or Lordsburg-Silver City? All will have decent coverage, plus translator networks. Want to check into Seeburg and ARI. Do you know any other possible interested parties in these rural areas?" [When Jerry LeBow of ARI fame called me the other day I told him of Chuck's interest in ARI for Greenwood AR.]

"I am getting an inquiry off to Blaupunkt, as if they will provide the SCA equipment, I would sure like to be the first station in the West to give their system a try. Since we already do road reports, I don't see any reason why the SCA couldn't be switched on and off with a simulcast of the regular FM weather programming. Anyway, since it is an educational process for me, the least I will get out of it is more information... I did not realize DataWorld kept tabs on FM translators. The last time I subscribed to them, they did not include translators or LPTV, so I quit taking it. Instead, I get the lists from Moffett, Larson & Johnson."

"I still have some ideas about what I want in a new FM car radio, so am in the market for something exotic yet not too expensive. I am getting a new pickup truck this week, so it will go into that in place of the factory AM/FM. That Pioneer digital you worked on got sold off with my last truck. I have found that having a good radio in a vehicle is a tool for selling the vehicle at a better price, so well worth the extra couple hundred bucks investment."

Blaupunkt's consultant tells me that the ARI system at 57 kHz only sends out various audio tones, which alert an FM radio or cassette to turn up the volume to hear the main-channel traffic reports. The tones themselves can be tuned in on a tunable SCA adapter at 57 kHz, and placement of the ARI at that frequency means a broadcaster can have a separate SCA on 67 kHz.

From MA, George J. Mileon says WFNX 101.7 Lynn has been undergoing transmitter repair. "It appears that their signal is not covering all the area that they want covered. The talk of increasing power has subsided also. The owner of the station, 'The Boston Phoenix,' a weekly newspaper, now sells advertising for its newspaper in package deals including advertising on WFNX. I don't know if that speaks well for the financial success of WFNX."

A WI state radio engineer, Bill Fletcher, says "How about more comments from the readers of the Atlas? Also, watch for a new FM at Park Falls, part of the Wisconsin Public Radio Network."

Detroit's Robert Grant:

August page 32 comments "WXYZ has declined to sixth" is a bit misleading. The last time WXYZ was sixth or better was before WWII, when there were only 4 stations. In their top 40 days they would always be playing second fiddle to somebody else... WXYZ's ratings today are much better than ten years ago. About readers who call themselves Dolby fans: Count me in as a fan, too. I think that the calibration tone should not have to be sent on a daily basis, but rather weekly or monthly... I have an opinion on why FM Dolby B never caught on. FM reception tends to be almost noise-free until a point where the signal falls out rapidly. The disadvantage of abnormal sound on regular receivers outweighs the benefit when the noise level is already so low.

A question about 80-90: What happens to the "grandfathered" FMs in Zone I running more than 50 kw? (Examples: WJFM, "WVGR.") Will they become CIs? Can they increase to 2000? if they act before 1987? Or just Bs with special waivers? [I'd think Bs with special waivers—B E.] I do not think a huge number of new FMs will result from 80-90. I tried to find a new commercial channel for Detroit and found it to be impossible, the 400/600 kHz limits are too far for even a "rim shot" into any of the three metro counties. In fact, some stations on the air would be rejected today (WKSG, for example, is too close to WIOB 102.9 and WCPZ 102.7). And what about the suburban Chicago class As. I think the 400/600 limits should be relaxed (actually co-sited stations 400 kHz apart would be fine). There are several AM channels available for the Detroit area: 660iD, 840 iD, 1030 iD, 1240 iD, 1430 iD and 1580 iD.

The recent comments about "rim shot" stations are very familiar in Detroit. We have quite a few here. I put rim shots into three categories: 1) in city of license only (ex. WNIC-FM Dearborn). These stations have as good a coverage of the area they are serving as do those licensed to the central city in question; 2) With a disadvantage over "center shot" stations but fair-to-good coverage of most of the area in question; 3) Too weak and far from the central city, these stations have the deadly disadvantage of small audience and heavy competition.

[Robert then drew a map showing with different colors how various stations in the area only covered well certain sections of town... Thus "in the green" we see WLBS (now WKSG) Mount Clemens with the buildings of downtown and WIOB Ann Arbor taking a bit out of them. You can also see

why they failed as an S format station: when you compare their pattern with the area black population areas (shown as being mostly to the south of where their main signal hit). I believe KBWH Blair NE made exactly the same mistake." The maps, being in color, would not reproduce here, but you should get the idea anyway. Robert points out that WKSG's AM affiliate, WWHK protected an AM station in Fostoria OH and shot its signal away from the center. "It is hard for a station to live on a town as small as Mount Clemens, let alone compete with 30-odd other stations. You probably wonder how such a station could survive. It couldn't. WWHK died on 2-10-84 after a 26-year life of consistent failure from day 1 of operation. If any station in the U.S. should never have been built, it was WBRB (later WWHK)." Now, shall I invite other readers to write in and name stations they know of that SHOULD NEVER HAVE BEEN BUILT?

Dave Nieman reports the station testing on 89.1 did finally give an ID. "It was the CBC testing for a new repeater near Paris ON." [It would really be great if they announced specific call letters for the station, but I suspect calls have not even been granted yet.]

WLJE 105.5 Valparaiso IN went 24 hours a day recently. "They are automated in the day and live throughout the night. I don't think they know what a legal ID is, even when they are live the announcer throws extra non-essentials between calls and city. WAGO 105.9 Elmhurst Park IL now tells us how to set our car radio. Pull out the middle button, push it back in on G-106 or 105.9 FM if you have a digital radio; this way you know your middle button means music (with the buttons devoted to WYEN, WZVN and WGCI, completing the progression to the right?—b.e.). WLNR 106.3 Lansing IL claims to be the greatest station in the nation. If it's the greatest station in the nation why is everybody talking about WSEX (Arlington Heights IL)?... I loved the cover of the November VUD," writes Wendell Ford.

Denton's KTKS 106.1 has moved its antenna from northwest Dallas to the Cedar Hill antenna farm, says Paul E. Hake. This puts its signal farther from Denton, but still probably close enough to give Denton the required 70 db signal intensity under FCC rules.

"Did you know CKO-FM 99.1 Toronto has a stereo subcarrier since 1977 on every radio I've tried? Station manager says people would not listen as much to mono-FM. You could list it as stereo, but little separation is noticed due to talk format. [That's precisely why I don't list the CKO stations as stereo, as I believe it to be a pseudo-stereo.] CJUT, University of Toronto's current station has applied for broadcast licence on 89.5 instead of CBC-French stereo. About 10 applications are in for the only commercial FM frequency open in Toronto on 97.3. Deadline is Jan. 31, 1985. It is likely a beautiful music format will win the licence. It is likely the runner-up will get 90.3, provided CRIC allows a commercial station on the educational band. CIAO, 104.9 Niagara Falls, only lasted a few weeks [consider it deleted—Ed.] CHOW Welland is interested in this frequency. CFBU, Brock University, St. Catharines, 640 carrier current AM wants FM, likely on 91.7. WKBW AM stereo 1520 is interested in FM, such as 101.1, which seems to be the last space in Buffalo," writes Stephen Tuara. He identifies local AM stations announcing they are in stereo: WKBW, CHML 900, CFRB 1010, CHUM 1050, CKKW 1090, CKOC 1150, CHAM 1280. "But AM receivers are hard to obtain stereo." One of my customers plans to send me a Sony portable AM stereo-FM stereo radio for SCA installation. I'll mention how it went and try to review the receiver. A Sony AM stereo radio like the one I expect to be working on was here one night, brought by a traveler, but it was hard to get AM stereo. WOW had a ballgame and only far-away KFI Los Angeles offered occasional snatches of separation.

As of Nov. 12, WZVW 93.5 Kokomo IN and WKUS 92.7 in Lafayette IN had not changed frequency, as they are supposed to do. Getting back to Buffalo, WKBW's Tom Atkins says stereo is "a small step for man, and a giant leap for AM radio. We now sound as good as FM stereo and our signal carries a lot farther. I've gotten postcards from Maine and Massachusetts marveling at how good the stereo signal comes in." He's a parttime announcer at the station and its fulltime chief engineer, 28, single.

Pete Taylor recently took a trip to Hawaii to check out the FM scene for us. He found 1) KJAD 92.7 Lihue wasn't on. KHHH (2) 98.5 was the only Honolulu FM (above 92 mHz) he never heard on the island of Kauai. Then he asks (3) tell us more about Carlyle's suite against Amaturu for only \$45.00 (I'm sure you meant \$45 million—right, ed.). [I've written Jack Minkow and if he cares to share any more information without suing me, you'll get it!] (4) KMEL 106.1 San Francisco is now all hit type rock; (5) KFYI (soon to be ex-KDIA AM) is trying to buy a San Francisco FM (KQAK).

KMOJ Minneapolis on new freq. of 89.9 (mono). "Signal not as strong as KFAL \*90.3." John Ebeling sent classified ads from MT, indicating that 92 kHz paging did not work out at KYBS Livingston.



The next few weeks will be occupied with Christmas holiday advertising. Our limited commercial spot schedule (15 units per hour) will cause us to turn away some business and institute higher rates with our grid rate arrangement. Otherwise, some comments:

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FM tuners/receivers today. Quality is notoriously poor. Radio has moved to the maximum convenience stage just like it did in the 30s with push buttons, electronic tuning and gadgets. There are few worthwhile units on the market in popular price areas and in checking various hi-fi showrooms, the presence of a tuning knob appears a thing of the past. Digital readout is appreciated but not the mechanisms to make it happen: rocker controls, push buttons and unreliable scanning devices. Also, little headway seems to have been made in front-end overloading/image rejection. Some contemporary designs seem worse, reminding us of the earliest (pre-FET) discrete transistor units (1962 ca.). And selectivity is also poor as other readers have observed. We recently acquired a NAD receiver, mainly for convenience than dinging and note its only benefit is the excellent detector circuit which has received industry acclaim. In sensitivity, actual use shows it adequate, image rejection is poor and selectivity is nothing to write about either. But six pre-set push buttons certainly help the uninitiated get around their favorite stations. Tuning is with a rocker switch: useless for DX purposes. Probably the best overall unit for DXing is the GM/DeLoe ETR. Digital readout, a tuning knob with detents and excellent sensitivity/selectivity. Hope to get one and set it up with a/c supply to try with the outdoor antenna. But for mobile use, it is superb.

You might be interested in the setup for the Camdenton MO translator at 96.7 [K2442H, for KFD 97.7 Waynesville MO], supposed to be owned by a KFD announcer. Whatever its purpose, it falls woefully short of the mark. On a recent trip to the Lake of the Ozarks, we were interested in ascertaining its coverage. We monitored 96.7 starting 25 miles N of the station and were surprised that it overtook fading KCWQ, a co-channel, Columbia station. At 20 miles, it was constant, fading only in low spots. Not a beefy signal but adequate for mobile reception. When within several miles, we noted the signal wasn't beefy and on discovering the unit, learned why. The translator consists of a tower about 80 feet high just south of an auto racetrack. Strapped to the mast is a single 5-element Scaia yagi pointed SW toward Camdenton, some 5 miles away. Our reception 20 miles north was from a back lobe! On proceeding to Camdenton, the translator faded badly in a creek bottom 2 1/2 miles away and although listenable in Camdenton proper, the signal had no beef. We also noticed a noisy signal. It is between two stations closely spaced at 97.7. KAYQ Warsaw MO was the cause and in driving about, there were places when tuned to 97.7 where it overrode the translator's primary station! Appears to be a poorly engineered translator. We calculate the ERP at about 50 watts. To cover Camdenton, the unit should be closer. Also, FCC rules do allow V-H operation. A better system would have had separate 10-element V-H antenna. But that would cost more since separate 10-watt amps would be required. It appears that some translators ask to fail due to inadequate engineering and/or cost cutting.

Simultaneously from various sources, we are hearing that the FCC is aghast over the growth of these tiny stations, particularly over the past year. There was a mass filing months ago, apparently hoping the Moody case, petitioning for satellite feed permission would get FCC blessing. But the FCC in June turned down Moody saying the 6004 Docket 80-90 allotments would first have to be digested into the Table before any more ambitious translator services would be authorized. So, we have the case of CP holders looking for primary stations. Our own station may be carried in two markets because of this... Sedalia 93.5 and Jefferson City 106.3 [see last month's column—b.e.].

Then the Commission, also last spring clarified its position on cost-defrayal announcements. The translator rules permit one 30-second announcement per hour to be used to help defray costs of operation. Some operators had interpreted this to allow one 30-second spot ad. If, for example, 15 such ads were run per day at an average cost of \$5, that's \$90 a day or \$2700 a month. But the Commission nixed such visions of profitability and now the announcements must be more in the NPR underwriting vein. But what remains intact are provisions allowing primary stations to pay for translator service once the station is on the air. Bizarre but true: primary station's can't pay for construction in towns outside the 1 mvm contour but can pay for support and amortization of start-up expenses. That's why the FCC is aghast since translators are being used to enter new markets and alter competitive balances. Particularly concerned are AM stand-alone situations since translators are forbidden to relay AM signal (except in northern AK—ed.). One other thing we're hearing: power limits are possible in the future. Perhaps in the 50-watt area. Now a typical translator at 10 watts can develop 80 watts or more with gain antenna. But there may be a power ceiling in the future.

Tall tower plans. There had been some movement in St. Louis until KYKY's sale was announced. That station at 98.1 with severe coverage problems from a downtown site caused by new construction had been leading efforts to build a 1000-foot tower near several

existing masts... Participating stations included WIL-FM, KSLH, KSHE, KYKY, KFUD-FM, KEZK, KMJM and KWK-FM (with reduced power because it is Class B). KSD-FM was also considering the site. Now we understand the project is on hold for a number of reasons. Cost is considerable, the motivating station is in sale-limbo and there is a potential short-spacing problem between two commercial participants and KTJJ Farmington MO 98.5, already licensed as a full C. Sixty-five miles is required and the proposed site is several miles off. In the past, the FCC has on occasion granted waivers if a site otherwise (in the case of the other participants) is ok. A common site suitable for all in the St. Louis area won't be easy to find with FAA restrictions and the unavailability of land.

The only central MO station with a tall tower, KRES 104.7 Moberly [and also owner of KTJJ previously mentioned], may be competing with another station that has filed for one. KWWR 95.7 Mexico MO is seeking a 1000 foot mast NW of Mexico. [Height increase already granted—b.e.] That will put their 3.16 mv within a few miles of Moberly so the hot and heavy competition with KRES will continue. And 3.16 mv will reach most of Columbia where the station already enjoys a modest audience. With k music, it may become more of a factor here, limited by the usual rimshot considerations. Construction meanwhile is known to be underway at still another co-owned station with KRES—KIRK 103.7 is putting in a tall tower north of Lebanon MO, giving it a competitive footing with 3 stations in the Lake of the Ozarks area.

A tall tower is also on the minds of several Kansas City area stations but there are problems there too. Sites east of downtown have been identified and one CP has been granted. But sources indicate actual construction may be a long way off. Meanwhile, two stations, KNBR and KYYS, already have CPs to make modest antenna increases putting them just over the magic 984 feet required for full C status. Was in the KC area recently and the rim shots don't blanket the area as well as the major stations. KCFX and KZCC have been ratings losers and while the latter has a better signal in most districts, both stations lose out to KYYS, KKCI (itself a rimshot with CP for 1000' E of KC) and particularly KBEQ. Loud and distorted audio seems to be the ruling factor.

Have been particularly interested in AM stereo receivers. Now using the Sony SRF-A100. Must strongly disagree with a review of this in Nov. issue (p. 4). On the FM band, it is GARBAGE. Front end overloading is typically poor. Sensitivity is atrocious and selectivity not much better. Several samples have been tried. However, Sony clearly designed this to be a winner on AM—which it is—and a loser on FM. While this unit does have impressive performance characteristics on AM stereo, I stick by earlier impressions that AM is still fraught with classic interference from everything from lights to motors, thunderstorms and its notably inferior s/n and interference ratios. The Sony unit is multimode—there are those in the industry who don't approve of this. Yet, with certain stations, the performance is unassailably good, in the wide band position and with a strong signal, generally on a clear channel. But there is a persistent problem called platform distortion coming from a weaker station's heterodyne. Then too we must come down on our AM brethren for not giving us more music. Most of the easily-received clear channel stations have switched to turgid talk shows and endless sporting events so music isn't even given a fair shot... Two significant things the Sony unit lacks: ample sensitivity to really haul 'em in and no whistle filter. The 1935 E. H. Scott 24-tube all-wave "Imperial" even had this radical innovation. The Sony unit is a portable, therefore free of power-line interference and with directional antenna to get best reception...

Also, check your information on WDLA fm going to 94.9 at Walton NY. This is not so. The application was rejected by the FCC (I chatted with their gm about this). Instead, the FCC is considering a complex allotment proceeding as outlined in the Fed Reg (FR49, 38674, Oct. 1, 1984) with channel 235 proposed for possible use at one of the following three communities: Sidney, Deposit and Frankfort, all NY state. [So put WDLA-FM back on 92.1, Walton NY, 490 h.v. 660—b.e.]

Larry Fuss mentions that KMDL 97.7 Kaplan LA is NOT directional. And he says "WSEY in Sauk City WI [96.7] is a strange one. DataWorld (which takes its info directly from the FCC database) shows it as 740 watts at 2183 feet above average terrain. The FCC's final list of Docket 80-90 assignments is supposed to be presented at an open Commission meeting Dec. 19. At that time, they will also announce the date applications will be accepted (presumably sometime after the first of the year). Anyone interested in a Docket 80-90 FM should start making arrangements now.

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#### FCC Adopts Standards for Protecting TV Channel 6 From Educational FM Interference

Docket 20735, released Oct. 29, 1984:

The Commission has adopted new rules to minimize interference caused by some noncommercial, educational FM (NCE-FM) stations to the reception of channel 6 TV stations in the same vicinity.

The interference results from TV-6 and the NCE-FM channels are adjacent in frequency and because most TV sets lack sufficient selectivity to reject strong NCE-FM signals. The spectrum between 88-92 MHz is reserved for NCE-FM assignments, with 82-88 MHz allotted for TV-6 assignments. Generally, the interference occurs when an NCE-FM station, operating in the lower frequencies (88.1-89.1 MHz), locates its transmitter in highly populated, fringe reception areas of the TV-6 station.

The FCC rejected as impractical (1) an NCE-FM assignment table and (2) mandated improvements in TV receivers, but it did encourage the industry to develop its own TV receiver standards. The FCC adopted the same standards for power and height that apply to commercial FM stations. Any existing NCE-FM stations that already have greater facilities than the commercial maximums will be grandfathered.

Because co-location of an NCE-FM tower with a TV-6 tower (or within 1/4-mile) was found to be the most desirable situation, higher power will be permitted NCE-FM stations choosing this option. Non-collocated NCE-FM stations would be restricted in power based on their frequencies and the TV-6 station's signal strength. The extent of the power restriction zone would end at 140 miles from the nearest TV-6 station. Under the new rules, an NCE-FM permittee would have a choice between two power levels, a recommended level (Level 1) and a maximum level (Level 2). For stations between 88.1-89.1 MHz, the two levels would be the same, due to greater potential of those frequencies to cause interference to TV-6. The powers are based on 3.0 square miles of interference that will be allowed within the Grade B contour of a TV-6 station.

NCE-FM stations choosing the higher Level 2 power would assume full financial responsibility for eliminating all cases of interference. Elimination of interference may be accomplished by use of vertical polarization of the FM antenna, installation of a TV translator, or by prudent location of the FM transmitter. Any NCE-FM station unable to resolve its interference problems may be required to significantly reduce power to Level 1 or below.

All NCE-FM stations must be at least 100 watts. The Commission emphasized that NCE-FM stations have the option to engineer individual situations to minimize potential interference and remedy actual problems. But in the most severe interference cases, a reduction in power may be necessary. As a result, the rules should minimize interference to TV-6 while permitting the maximum freedom to expand the NCE-FM service. The Commission said this approach encourages the educational station to minimize its interference complaints.

Will the rules eliminate TV-6 interference and still allow the NCE-FM service to develop? It's hard to say, not having seen the technical charts upon which Level 1 and 2 powers will be set for all the NCE-FM channels. But a hint of the severe restriction upon NCE-FM stations is the fact that TV-6 stations will enjoy some protection out to 140 miles, which seems excessive. It looks like a great impediment has been hurled at states like Nebraska, which have no public radio networks. If the power restrictions were too severe, more stations and transmitters would be needed to do the job high power stations might do. I am sure stations like WOJB \*88.9 Hayward WI (in secondary of TV-6 KBJR Duluth MN) and KCME \*88.1 Manitowish Springs CO (in secondary of TV-6 Denver) would not be allowed to exist under the new rules, but they and many like them will probably be grandfathered in. Time will tell if this is a sell-out to TV-6 interests, which I suspect it is; or if it is window-dressing without any real effect upon the burgeoning rate of increase in NCE-FM stations.

Public TV reaches 95% of U.S. homes, but public radio is available to only 70% of the people. The largest unserved [radio] audiences are in New York's Nassau and Suffolk counties, San Antonio TX, San Jose CA and Allentown-Bethlehem PA. The biggest geographical areas without NPR coverage are in the Rocky Mountain area and in parts of the South. And from the public broadcasting paper Current is a note that the folks of International Falls MN paid \$14,000 to start a Minnesota Public Radio translator [K2498K97.7, of KCRB Bemidji], said to be already on the air. The 7,000 people gave an average of \$2/person, after a federal grant was not awarded. Ely has a similar public translator, raised entirely by local folks, but the license for that is held by the community college.

Frank Aden, Jr., writes that Bill Frahm, who works at KSEI in Pocatello, hopes to have its 102.5 FM adjunct on the air soon. KRIC \*100.5 Rexburg must be on with 75,000 watts as they put an excellent signal in to Burley. And Frank sent a letter from the University of Idaho, mentioning that the correct calls are as this column listed them—KRFA (not KFRA). "KRFA is now part of a fine arts radio system running from the Tri-Cities area of Washington into the Idaho panhandle. KRFA is licensed to Washington State University. The transmitter location is the same as the old KUID-FM location on Paradise Ridge southeast of Moscow. The studios are the same, but now there is a microwave connection with the main studio of KWSU (AM) on the Washington State University campus. Local reaction to the change was mixed. There was a small group of loyal listeners and volunteer workers at KUID that resented the move. However, from the standpoint of most people it was the only solution to the problem of inadequate funding of KUID and the creation of a better atmosphere for student experience and learning... The station runs fine arts programming originated at the KWSU studios and NPR and serves as a news bureau for north Idaho news.

Tom Cornell writes with information on the new WTPU 107.9 Indianapolis, which is trying to appeal to the 27-54 years-old. I still need to know if it's stereo!

"Regarding the Delco AM stereo radio, I finally had a chance to use one and can tell you about it more knowledgeably now. The 'Stereo' indicator is the same as used for FM, so there most definitely is one. As to its fidelity compared to Sony, ours is for the car, and the Sony is a portable. A car receiver has to be much, much more immune to interference. This can only be done by narrower bandwidth... There has been much misinformation circulated about AM stereo... For one, the one-chip, multi-system decoder is, at the moment, a myth! No such thing exists. All the major receivers, except Sansui, have chosen to build single system decoders for the Motorola system. The Sansui receiver is a 3-piece, and expensive! Requires a separate amplifier, too. A separate box encloses the 'multi-system' decoder, and it is only a compromise decoder at that! The broadcasters have taken us to task for making a 'marketplace' decision and have criticised our testing of the three systems we looked at. Knowing a bit of what was involved (I took part in two 'midnight rides'), I must take issue with them. I challenge any of them to show me their 'research lab'. Work in ours, as a matter of fact, and it is very well equipped. And, owing to the fact that there is considerably more money invested in receivers than transmitters, I feel that we should have the major input into system selection.

"We had an interesting visitor, Robert Orban of Optimod 'fame'. He came by to plug AM pre-amplifiers. Although I'm less than enthused, we will probably have to accept it and design to use it. Audio processing seems to me to be broadcasting's 'dirty laundry'. The first time I read a description of the Orban AM-Optimod, I nearly threw up. It was hard to believe that anyone would do that to audio and then claim to be 'hi fi'... Actually, we have done the same thing to our audio in order to increase intelligibility. Our objective is the same, to be heard over the competition (noise and other signals), but we are dealing only with voice and not music and on the same frequency. Audio processing seems to me to speak about the stupidity and/or bad hearing of the average listener. Not all of us are 12-year-old kids that think loud equals better!"

John Jefferson advises that KXPR Sacramento finally moved to \*90.9, saying that the old transmitter was too far from Sacramento for good city coverage. Pete Nolan says KYKR 93.3 Port Arthur TX does not yet have its translators on the air in La Marque and Freeport. "You mentioned in one column KTXN 98.1 Victoria being off the air. They haven't been off in the last two years that I know of—they have, however, a terrible signal for their power and HAAT... Driving toward or from Victoria their signal covers much less than KVIC or KZEU, the other two Victoria class C FMs."

Writes WDMA 105.5 Dover NJ: Next edition we would like you to include WDMA in your New York FM dial listings since we do have many listeners in the NJ-NY Long Island area... Our transmitter at 1500 feet above sea level in Denville NJ gets out quite far. Our real limits on reception are co-channel stations in Patterson NY and Tamaqua PA. We are one of the first stereo stations in the nation and received an Armstrong award for engineering. We remain state-of-the-art with a fair amount of digital equipment.

Club member Peter Nolan is now publishing a weekly rundown on AM-FM program and facilities changes, the "M Street Journal." Write him at PO Box 540381, Houston TX. There may be a discount if you mention you are a DXer. His ZIP Code, by the way, is 77254.

Now, I'll quit this long column typing, with the Composer and its ribbons giving me problems, and get on with the task of SCAizing radios for several customers who want them by Christmas. May even get in some more Colorado skiing (did some over Thanksgiving)... Contributors to be listed next month, preventing this column from running into a ninth page!

Good DX!

# TELEVISION NEWS

Bill Fahber, editor  
336 Atlantic Street  
Bridgeton, NJ, 08302

## TECHNICAL RULES DELETED

The FCC has set some guidelines for technical regulation and eliminated some specific technical rules. Back in 2/17/83 the FCC adopted a Notice of Inquiry and Proposed Rule Making with the intent to eliminate those technical regulations that no longer served any purpose, and replace them with less constraining rules. The technical regulations were divided into four categories: Interference control, spectrum efficiency, interoperability and technical quality. The first two categories were later considered to be high priority; the latter two were considered better left up to marketplace influences, with such exceptions as distress systems.

The FCC had proposed elimination of specific rules dealing with receiver frequency stability, selectivity, desensitization and image frequency rejection of auditory assistance devices (part 15 of FCC rules); and minimum transmitter modulation capability, audio harmonic distortion, audio frequency response and pre-emphasis characteristics, carrier-amplitude regulation, noise levels and video signal characteristics (part 73).

The FCC, feeling that most services and equipment under FCC jurisdiction were sufficiently competitive to warrant deregulation of technical quality, decided that it would eliminate the part 15 rules mentioned above and most of the part 73 rules.

## DATA TRANSMISSION SERVICES ON THE VBI

The FCC authorized data transmission services, such as computer software delivery and paging services, on the vertical blanking interval in either digital or analog mode.

VBI services will be considered ancillary to regular television programs, and as such will not be subject to "fairness doctrine," political broadcasting requirements, or public service obligations. Public broadcasting stations will be permitted to use the VBI in the same way as commercial broadcasters and to charge a fee for such services.

## EQUAL OPPORTUNITIES COMPLAINT AGAINST KCPQ-TV

Ron Culpepper, co-chairman for the Pierce County Mondale-Ferraro campaign filed a complaint against KCPQ-TV in Tacoma, Washington. It seems that the station aired the movie "Storm Warning" on 9/6/84, starring Ronald Reagan, and Culpepper waited until October 9 to request equal opportunities on behalf of Mondale. (Actually, I didn't realize Mondale starred in any movies other than Fritz the Cat. Maybe he planned to air some of the Three Stooges films in behalf of Mondale, Ferraro and himself.) The station refused to grant him equal time. The FCC denied his complaint against the station.

## DEMOCRATS FOR LAROUCHE FARE NO BETTER

On September 11, from 8-8:30 P.M. (EST and PDT, I assume), ABC, NBC and CBS simultaneously aired a paid political broadcast for Reagan. The Independent Democrats for Lyndon LaRouche failed in their attempts to do the same. Upon complaining about discrimination and unfair opportunities to the FCC, the matter was looked into.

The FCC found that the Reagan team obtained the simultaneous time periods through good-faith negotiations, not discriminatory treatment. There was no collective coordination on the part of the networks to air the same promotion simultaneously. Any attempts by the FCC to force the networks to air the same program simultaneously would be a violation of their first amendment rights.

## TYPEWRITER BREAKS DOWN

It has been reported that the typewriter belonging to the Television News editor had broken down and won't be fixed for at least a week.

However, the aforesaid Television News editor warned that since he already had a lot of material prepared for this month's column, next month's column will be rather large.

Nice way to start the new year, huh?

(continued)

NEXT MONTH  
in the V.U.D.

# SOUTHERN FM DX

JANUARY 1985

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74075

DEADLINE: 10th

SUPER LASTING MS BURST OBSERVED DURING NOV.

Jim Pizzi, P. O. 1778, Lovington, NM 88260 (505)396-3251

11/8 MS	11/11 MS
1225 WNNW 98.5 MI Coldwater, tent., female singing jingle, sounded like "WMWA" on car system	1139 WAHR 99.1 AL Huntsville, calls 968
11/9 MS	1140 unID's 88.1-107.9 east
2257 WNNW 98.5 MI Coldwater, tent. "...WN..."	1142 WKXX 106.9 AL Birmingham, ads, 959
	"Kix-106"
	1145 WSYA 104.1 GA La Grange, ads 1058
	1148 WBAM 98.9 AL Montgomery, ads, 99FM 990

Let me pause to explain this reception. I was in the process of updating my "FM Atlas" from the Nov. VUD and was monitoring ch 2 and 98.5 for MS. All of a sudden both ch 2 and 98.5 came alive (nothing much before 1139). WAHR came booming in, but with MS flutter. Ch 2 was 3 or 4 deep. Checked chs 2-6 and found them 3 or 4 more deep, each. Checked FM and found strong activity on every freq. Many FM freqs. several deep! Had enough time to ID the above as the FM died out quickly at 1149. Just chs 2 and 3 left by 1151 and ch 2 gone by 1157. Wow!! This was the longest (18 min.) and strongest MS burst ever observed by me. The meteor that caused this must have been slow moving and as big as a house! A once in a lifetime event? I think so. Got above DX on tape, too. Hopefully, others heard or saw this DX or the meteor itself. Probably a path over AR, LA and the Gulf of Mexico. If anyone else observed this DX, let me know.

11/12 tr	11/13 tr
1910 KTC 103.9 TX Brownfield, k,\$, 69	2004 ? 88.5 KIOF 104.7 image? xlator?
"K-104" new on air, another blocked FM freq. s/off 2100	2218 KAYI 106.9 OK Muskogee, K-107, r, 489
11/13 tr	"bed check" pgm
0002 KYXX 105.7 TX Longview, ID 502	11/14 tr
1002 KVGB 104.3 KS Great Bend, ID 450	0125 KYXX 106.5 TX Galveston, SS rock 555
1005 KEYN 103.7 KS Wichita, ID 461	0135 KCFO 98.5 OK Tulsa, g 473
1009 KHUT 102.9 KS Hutchinson, k 464	11/20
1006 KBUZ 106.5 KS Arkansas City, ads, nx 441	1741 unID 91.9 DF, Puebla area? TV in, m, SS Sergio Mendez type mx
1013 KGSU 91.7 OK Stillwater 411	11/21 tr
1913 KOOI 106.5 TX Jacksonville 466	1046 KWHW 93.5 OK Altus, tent. r
1914 KJOJ 106.9 TX Conroe, ID'd as Houston 490	11/28 MS
1959 KVNE 89.5 TX Tyler, ID, g 466	1008 KQKQ 98.5 IA Council Bluffs, r, 700
	"...sweet FM...", in car FM

Trops this month hasn't been great. 11/13 opening to the 14th could have been better, had UHF to St. Louis but no FM! Also high VHF to LA but no FM--seemed to be a wall out around 500 miles, nothing much beyond that limit. 73's til next report. (Danny, did you ever get any feedback on that Cartagena, Columbia FM reception? I was curious. Jim, I'm afraid I gave up on ever verifying that far flung reception. I sent a tape to a Radio Celeste using the address given in WRTN. A couple of months later it was returned to me--I guess they used Undersea Turtle Express, hi. Anyway the letter had a message on it that said "the city(Cartagena)no have this "Radio Celeste", no street "Rosario Castilla", I sorry, friend." I wish the WRTN had some reliable info for my case. I also sent letters to a couple of Cartagena stations to ask for assistance as well as a tape of my reception to the Colombian Embassy in Washington DC---all with no response. What else can I do? DB)

Report your FM DX to this column if you're from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, KS, KY, LA, MD, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV. Happy New DX Year!

####

Worldwide TV-FM DX Association

# NORTHERN FM-DX

Jan-85

This is going to be an exciting column, though awfully short unless some more of you contribute. We're not asking for your money like NPR stations do; just a few moments and a list of your DX. There's been fantastic Tropo and some E-Skip this fall. 1000 approx. mile Tr-ducts from FLORIDA, MUF 105.5 Es openings, etc... You just can't ask for more from the fall season. Unfortunately I've moved again in Ottawa, and my new QTH is lousy, so I myself have missed much of the DX, but it has been there. The annual mid-winter Tropo party is expected soon, either later this month or in February, so be on the lookout. I'm typing this Nov 21, and it is about 25°F outside, about 10°F colder than average; it may be a cold winter, that's my prediction. It's all worth watching, especially after a false sense of a summer season.

ARNOLD LAZARUS - 333 Candee Ave. #4E - Sayville NY 11782 (516)567-2545

## MAY 1984

5 Es  
2110 WMNF 88.5 FL Tampa s ID  
2111 WFLA 93.3 FL Tampa r ID  
6 Es  
1152 KLSI 93.3 MO Kansas City r ID  
1200 KLJC 88.5 MO Kansas City g ID  
1230 KIWR 89.7 IA Council Bluffs NPR ID  
1232 KMAZ 92.9 NE Beatrice ID  
1300 unID 89.7 SD "NixUpdateFromSDPubl.R."  
(KUSD?) (Yes, unless newer SD on 89.7-saul)  
1309 KFSI 88.5 MN Rochester  
11 Es  
1950 WXXQ 98.5 IL Freeport r ID  
1953 KGGG 94.9 IA Des Moines r ID  
24 Es  
0832 WINZ 94.9 FL Miami Bch r "I-95"  
0843 WXPX 88.5 FL Sunrise ID  
1525 KLSI 93.3 MO Kansas City m "Classy93"  
1529 KNIN 92.9 TX Wichita Falls r ID  
25 Tr (w/WRITN off-air)  
2030 WSCG 93.5 NY Corinth k ID  
2030 WRVW 93.5 NY Hudson m ID  
JUNE 1984  
13 Es  
1750-2015 S. FL relogs.  
21 Es  
1747 KADL 94.9 AR Pine Bluff k ID  
1800 KTKS 92.1 LA Benton s ID  
1805 KAYZ 103.1 AR El Dorado ID  
JULY 1984 5 Es  
1755 KTFX 103.3 OK Tulsa ID  
1800 WUSF 89.7 FL Tampa ID  
26 Es  
1758-1820 S. FL relogs (thanx for tape;  
will return one  
with DX goodies-s)

DX with Carver TX-11 & Channel Master  
Probe 9 at 40'.

JOSEPH FELA - 150 Robert Place - So. Plainfield NJ 07080 ELT times.

## JUNE 1984

23 Tr  
1020 WPRE 99.9 MD Frederick b strong  
27 Tr (w/1cl WRSU off until mid-July)  
1901 WRHU 88.7 NY Hempstead ID exWVHC  
JULY 1984  
3 Tr (w/WPRB off-air)  
0259 WHIT 103.3 MA Boston ID r exWEEI  
5 Es  
1800 KQCF 92.1 KS Coffeyville "Double Q" r  
(Strange opening: peaked very quickly & died  
just as quickly; lasted 90mins on TV so not MS  
6 CW-Tr (WXTU off-air till early aft. Jul 7)  
1059 WNUQ 92.5 NY Rochester "newQ2" r ID  
1200 WINC 92.5 VA Winchester ID r

## AUGUST 1984

6 Es  
1749 unID 91.9 FF talk re DeGaulle.  
(Ed: Arnold, you typed and said //91.9; I can  
not remember who you said it did // on our  
phone chat before I rec'd this report; let me  
know & I'll check it out; 91.9 is prob. SA)  
SEPTEMBER 1984  
22 Tr  
2031 WITN 93.3 NC Washington r ID  
2034 WYYD 96.1 NC Raleigh ID  
2053 WKEZ 94.1 VA Yorktown k ID  
2058 WNNT 100.9 VA Warsaw "NNT"  
2100 WKHK 95.3 VA Colonial Hts r ID  
23 Tr turns into SUPER-TROPO:  
0808 WJZR 99.7 NC Kannapolis r ID and "Z-100"  
0910 WINT 94.9 FL Tallahassee k QTH ID 900miles  
and almost wet my pants. Good signal till 0930!  
0930 WRJA 88.1 SC Sumter SC Educ Net ID  
0935 WNCU 107.9 NC Greenville b ID  
1000 WLTR 91.3 SC Columbia SC Ed Net ID  
1100 WSB 98.5 GA Atlanta Top30USA prgm ID!!  
1131 unID 88.9 presumed WNSC SC Rock Hill//SC Eds.  
1718 WSFL 106.5 NC New Bern ID  
OCTOBER 20 1984 OFF-SEASON E-SKIP!!!!  
1346 WLPR 96.1 AL Mobile b ID  
1349 WQUE 93.3 LA New Orleans r ID  
1350 WYLD 98.5 LA New Orleans r ID  
1351 WRNO 99.5 LA New Orleans r ID  
1359 WRKP 89.3 LA Baton Rouge ID  
1408 WMFM 102.5 LA New Orleans r ID  
1410 WKGN 103.3 LA Hammond k "Cajun-103"  
1411 KFRA 105.5 LA Franklin k ID  
1413 KYKZ 96.1 LA Lk Charles k "Kicks-96"  
1426 WJMI 99.7 MS Jackson s ID  
1431 KHSY 98.5 TX Ft Arthur "Kiss-98-FM"  
1438 KEAZ 101.7 LA De Ridder b ID  
1441 KRRV 100.3 LA Alexandria sports ID

## 11 Tr

0013 WEOS 89.7 NY Geneva ID r  
0101 WUW 107.7 NY Wethersfield ID seemed to go  
from b to j at 0100 (I know they're j but b?-saul)  
0130 WXXW 104.1 PA Allentown w/ very low power,  
could barely get them; no sign of WNTS Buffalo  
or WTPA Harrisburg PA even.  
26 Es (brief)  
2002 KOEA 97.7 MO Doniphan ID  
AUGUST 1984  
6 Es (brief)  
2000 KCRB 88.5 MN Bemidji ID into concert  
(noted WTSX 96.7 Ft Jervis NY exWDLG and WGNV  
103.1 Newburgh NY exWPMN.)

(more)

## JOE FELA cont'd

AUGUST 9 Tr (fair to Norfolk VA)  
2200 WOBH 95.3 NC Wauchese now r & 1st  
mistaken for WSBH on L.I.  
2220 WNSY 97.3 VA Norfolk r ID ex-WGH  
11 Tr (WOCR off, WVIA a pain)  
0836 WRVO 89.9 NY Oswego nx "FM90"  
0859 WOEL 89.9 MD Elkton g  
SEPTEMBER 1984  
3 Tr  
0200 WKJY 96.3 MA Nantucket "Joy96" exWCTF  
0206 CFMY 96.3 ON Kingston k "K96" weak  
9 Tr (WNY off)  
0059 WWTU 97.1 VT Rutland Nighttime Amer. RKO  
1000 WKGL 92.7 NY Middletown r ID exWALL

COMMENTS: I would like to compliment Mike Lapinski for hosting such a fine convention in  
Jamestown. Driving back I was a little amazed at what could be heard along I-81 between  
BinghamtonNY & Scranton PA on car radio. About 2 miles S. of Binghamton I got a clear ID out  
of WYV 95.1 NJ Atlantic City; On 95.5 got WPGC, WPLJ, CJBC-1; On 97.1 WYNY, WASH, CIGL;  
99.5 WJBR; WDSO 94.7. I would think mountains should have blocked WYV 95.1...are cx always  
like that up there Glenn Jacobs or Harry Hayes? 73.

MIKE BUGAJ - 69 Sherman Road - Enfield CT 06082 Sony 5130 tuner w/Finco FM-5 & rotor.

## FEB 1984

11 Tr  
2000 WORI 105.3 VA Norfolk  
2000 WESR 103.3 VA Tasley  
2220 WCTX 92.1 PA Palmyra  
22 Tr  
1820 WENU 101.7 NY Hudson Falls "CBS World  
News Tonight" & "North Country Wx"  
MAR 1984  
14 Tr (1cl WIHS off)  
1750 WUCA 104.9 MA Gloucester concert mx, ID  
31 GW-Tr (1cl WUWH 91.3 off) (WCUW 91.3 in also)  
1400 WCLM 91.3 MA Stockbridge mono w/g  
MAY 11 1984 Es  
1850-1900 KCFM 97.1 MO; WSSR 91.9 IL; and  
WILL 90.9 IL Champaign.

## JUNE 1984

9 Tr  
0400 WOFM 92.1 NC Moyock  
0415 WMZQ 98.7 DC Wash.  
0415 WQMS 103.5 DC Wash.  
0420 WLEV 96.1 PA Easton rare  
0430 WQSR 105.7 MD Cantonville  
0800 WQMR 91.9 MA Provincetown w/bluegrass and  
ERNIE COOPER promoting his bigband show!  
13 Es  
1830 WCMQ 92.1 & WWWW 93.9 FL.  
21 Es poor openings  
2000 WMIX 94.1 IL & KKEG 92.1 AR  
JULY 1984  
9 Es 2100 KVCL 92.1 only.  
23 Tr 2200 WCLW 105.3 OH Mansfield  
26 Es 2100 KLWT 92.1 MO Lebanon

COMMENTS: The 1984 Es season was a total  
washout. From May 15-30 my tuner was in the shop for a tune up so I'd be ready for the upcoming  
skip season. Little did I know that those two weeks in May were the skip season. The Tr of  
Sept 13 & Oct 13 had to be influenced by hurricanes Diane & Josephine...cx Oct 13-14 were  
good all day & night from Bangor ME to Baltimore MD at least.  
For those who want wx maps for wx info to indicate potential DX, I recommend the WEATHER  
CHANNEL on cable TV. I don't think anyone else gives as much information. It's very useful.  
We've been hooked up to cable for over a month so I can TV DX without bothering anybody.  
That's all from here. Mike. (nice meeting you, too, at J'town-saul). (more if reports come)

UNRELATED TIDBIT DEPARTMENT... 73 Magazine carried an unusual article entitled "You can  
watch those secret TV channels" by Jim Barber and Jevon Lieberg, in the AUGUST 1979 issue on  
pages 32-43. For a different look at TV than from what we DXers are used too....

JAN 1985, NORTHERN FM DX (2)

## 22 Tr

2000-2300 many NCs strong (WITN 93.3, WSFL 106.5,  
and WNCU 107.9) Norfolk VA well but not exceptional  
2100 WSJL 102.3 NJ Cape May g exWRIO  
2128 WQQ 100.9 NC Wilmington 1cl ads college fb  
2142 WYV 105.5 MD Salisbury b o/1cl WDHA  
2215 WYYD 96.1 NC Raleigh ID more toward soft r  
than b; no WWH so assume still not on.  
2257 WJTL 90.3 PA Lancaster g exWPTG  
23 Tr  
0200 WYVJ 90.5 VA Fredericksburg g "90-Joy"  
0201 WMDM 97.7 MD Lexington Park w/unusually  
late s-off.

## AUGUST 1984

2 Tr 0400 WPNR 90.7 NY Utica (you sure you got  
an ID on them; new to air and I didn't get 'em  
while driving thru SYRACUSE AREA. FM ATLAS  
says 430 watts-saul)  
9 Tr usual to Norfolk.  
SEPT 1984  
8 Tr  
2040 WBEH 102.5 NY Buffalo in excellent  
2043 WFBG 98.1 PA Altoona  
2045 WNEB 94.5 NY Buffalo c  
2140 CKUE 101.1 ON Smith's Falls  
2145 CHEZ 106.1 ON Ottawa  
2250 WFRB 105.3 MD Frostburg  
2250 WKWV 106.5 WV Clarksburg  
2300 CHUM 104.5 ON Toronto  
9 Tr  
0025 WQVE 102.5 PA Pittsburgh  
0030 WQXX 94.1 PA Sunbury

## 13 Tr

1940 WSGS 101.1 KY Hazard ph-in sports prgm in  
mono & good ID in Stereo at 600 MILES.  
1955 WFRB 105.3 MD Frostburg bluegrass prgm  
2030 WHP 97.3 PA Harrisburg  
2135 WUSQ 102.5 VA Winchester "Q-102" k  
OCTOBER 1984  
8 Tr  
0630 all Norfolk Va area stns very good  
13 Tr  
0820 WYYD 96.1 NC Raleigh r strong thru WRSR.  
0822 WTVR 98.1 VA Richmond k  
0826 WKEZ 94.1 VA Yorktown k  
0827 WRAL 101.5 NC Raleigh r alone on freq &  
was pegging the meter.  
0850 WRVQ 94.5 VA Richmond Rick Dee's Top40.

WM.R. HEPBURN - AES - BOX 120 - Resolute Bay NWT XOA OVO

Jan 1985, NORTHERN FM DX (3)

\*NOTE DX from NIAGARA FALLS ONT & Bill will be living in Cornwall Ont by end of Jan. In between, he'll be in NWT. Rcvr: Sony ICF-2002 w/whip. Times EDT.

OCTOBER 1984

5 Tr  
2024 CJBCL 99.3 ON London FF 104  
2115 WCPN 90.3 OH Cleveland 170  
2129 WREO 97.1 OH Ashtabula 118  
2201 WAPS 89.1 OH Akron 185  
2214 CBEQ 106.3 ON Sarnia //CBE-AM 165  
2358 WYLF 95.1 NY Bristol Center 81  
6 Tr  
0009 WRIF 101.1 MI Detroit 210  
0138 WOSE 94.5 OH PtClinton 225  
1923 CBCM 107.5 ON Penetanguishene 130  
CBC Ontario Service)  
2028 WPKY 97.9 NY Rochester 73  
7 Tr  
0001 CUMX 105.3 ON Sudbury 255  
10 Tr  
2352 WQML 91.7 MI Alpena 255  
12 Tr  
2313 WHY Pt100.9 PA North East (T)  
2359 WFSE 88.9 PA Edinboro 96

14 Tr  
0048 WUOM 91.7 MI Ann Arbor (T) Bill...when  
0048 WKAR 90.5 MI East Lansing (T) you're in Cor-  
0056 WRIF 101.1 MI Detroit 210 nwall, check  
0056 WDET 101.9 MI Detroit 210 97.3 at day  
0101 WGR 107.5 MI Detroit (T) for CKON-FM,  
0107 WNIC 100.3 MI Dearborn (T) at 50 watts  
2252 WCZY 95.5 MI Detroit 210 on St. Regis  
2350 WJIC 94.7 MI Birmingham (T) at Corn. Isl.  
2353 WFHE 95.1 MI Flint (T) The Indians  
15 Tr (ed: Baldwinsvl not Syracuse). have started  
2115 CUMX 105.3 ON Sudbury 255 a pirate stn.  
2313 WSEN 92.1 NY Baldwinville (?) & if you've  
16 Tr any basis for  
0218 WOSE 94.5 OH PtClinton (T) solving UNIDs  
28 Tr send to CCI.  
2024 WKAR 90.5 MI EastLansing 275  
2100 WCMU 89.5 MI MtPleasant 280  
2159 WNCQ 97.5 NY Watertown 175 Yer editor  
2206 WRIF 101.1 MI Detroit 210 hates to  
2233 CFMK 96.3 ON Kingston 150 waste precious  
US VUD space...

COMMENTS: Some Tr here while on holidays at home. I'll be in Resolute Bay till end January, then off to Cornwall again. I'll at least hit the 200 mark for FM one of these days, hi!

73's, Bill.

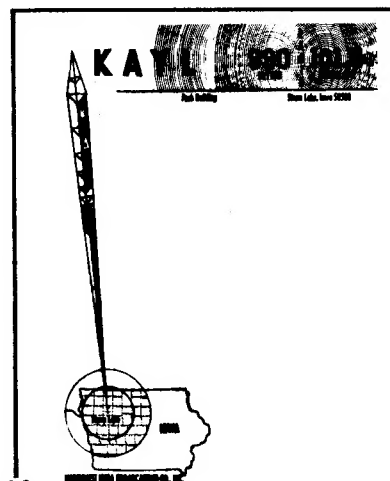
EDITOR THREATENS TO BLOW UP WTPDA HQ IF NORTHERN FM DX REPORTS ARE NOT RECEIVED

Now you don't want to read this headline in your next VUD, do you? No small friendly DX club should ever be subject to terrorism. Seriously, the only reason my report makes page 3 of NORTHERN is because there are no others. While its been a banner Tropo Fall, I've had little, because I've moved from a good QTH into a bad one. Never FM DX from a basement; it's not much better than your average bomb shelter (which won't matter since when we're in them our primary concern will not be FM DX) I may be moving once again; the deal here was room and board, and, while I like exotic foods, soup-a-la-insect does not tantalize my tastebuds; nor does the DX here: All NOVEMBER 1984 Tropo:

9 Tr (still at 2nd Ave. QTH OTTAWA)  
0035 CBBK 92.9 ON Kingston CBC EE \$  
15 Tr (MOVING DAY...last chance DX)  
0752 CBBP 103.9 ON Peterboro CBC EE \$  
0753 CBBP 93.5 ON Pto CBC mono EE  
0810 CJBCL 106.3 ON Pto CBC FF mono  
0815 CQCM 105.1 ON Pto lcl ad k

At 1251 Livingstone (ottawa):  
27 Tr While people in upstate (HQ)  
N.Y. were getting Ottawa well, all  
I had was a nice "Rock 102" on  
102.5 (WBBN Buffalo NY) at 0242.  
Lcl CBOF off-air. So was CBO-FM  
103.3 but no trace of WPHD.

A DX NEWSLINE  
FOR TIPS (VOICE)  
CAN BE CALLED AT  
(301) 953-0777.



T h a n k s  
t o  
R i c h a r d  
E d d i e

Box 14 • 787 South State Street • Westerville, Ohio 43081



WORLDWIDE TV - FM DX ASSOCIATION - CURRENT MEMBERSHIP LIST 12/15/84

ROBERT E FISCHER	FAIRBANKS	AK
ROD O'CONNOR	KODIAK	AK
MICHAEL HOLLIS	ENTERPRISE	AL
JOHN C ADKINS	CHUNCHULA	AL
DEANE D MCINTYRE	EDMONTON	ALBERTA
VERNON EATON	BENTON	AR
DAVID O'DELL	LITTLE ROCK	AR
STEVE RUSSELL	TUCSON	AZ
GORD LANSDELL	N VANCOUVER	B C
KEN CHIU	VANCOUVER	B C
DAVID A SINCLAIR	SURREY	B C
MATTI NIIT	VANCOUVER	B C
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JOHN M JEFFERSON	PLEASANTON	CA
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CHESTER JAFFEE	BERKELEY	CA
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WILLIAM HIGGS	CARMEL VALLEY	CA
PETER TAYLOR	SAN FRANCISCO	CA
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DONALD J FRITZ	DOWNEY	CA
PATRICK ROBBINS	RESEDA	CA
RANDY MILTIER N6HMO	SANTA CLARA	CA
SHELDON REMINGTON NI6E	FAIRFAX	CA
DANNY DANKERT KDX6T	TUSTIN	CA
DON ERICKSON	RIVERSIDE	CA
LARRY GLASS	MAD RIVER	CA
ALPHONSE TOBIA	NEWARK	CA
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PAUL SWEARINGEN	SUN VALLEY	CA
ERIC SUNDIUS	SANTA BARBARA	CA
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GENE COOPER	LOMPOC	CA
GREG HARDISON	PANORAMA CITY	CA
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FRANK LUMAN	LITTLETON	CO
RICHARD ECKMAN	BOULDER	CO
MIKE BUGAJ	ENFIELD	CT
JOHN KOSINSKI JR	STAMFORD	CT
WILLIAM N NOLLMAN	NORWICH	CT
JOHN RAMSEY	WEST HARTFORD	CT
STEVEN F SOLOMON	HAMDEN	CT
RICH TURCSANY	FAIRFIELD	CT
WILLIAM TOWNSHEND	WASHINGTON	DC
RICHARD K CLARK	LA VEGA	DOMINICAN REPUBLIC
GLENN HAUSER	FT LAUDERDALE	FL
MARTIN J THEIL	HOLIDAY	FL
KEN SIMON	LAKE WORTH	FL
JOHN SULAK	ALTAMONTE SPRINGS	FL
JOHN F COMBS	JACKSONVILLE	FL
CHARLES TWIDDY	CLEWISTON	FL
JIM GILL	BRADENTON	FL
CLIFFORD RAMES	HOLLYWOOD	FL
DAVID TIMMERMAN	ORLANDO	FL
CHARLES TRIAY	ARCADIA	FL
STEVEN F COLE	ATLANTA	GA
GEORGE ROGERS	CHICKAMAUGA	GA
DAVID SHAPIRO	GRIFFIN	GA
LARRY G FUSS	JACKSON	GA
MELVIN G DISHONG	KENNESAW	GA
DAVID ADAMS	CHAMBLEE	GA
NICK LOMBARDI	ATLANTA	GA
DR JAMES SNOW	DARIEN	GA
RICHARD E WOOD PHD	HILLO	HI
BENELUX DX-CLUB	SINT MICHIELSGESTEL	HOLLAND
MIKE STONE WBOQCD	LOWDEN	IA
JEFF NICKELS	MARION	IA
ROBERT BAKER	HUMBOLDT	IA
BOB HEMPEL	MANSON	IA
ROBERT LANGRIDGE JR	DAVENPORT	IA
FRANK ADEN JR	BOISE	ID
ROBERT J WILLIAMS	TWIN FALLS	ID



EDWARD SIROVY	WESTMOUNT	IL	JOSEPH F MASHER	TROY	NY
JOHN CLEMMER	E MOLINE	IL	RICH WERTMAN	LOCKPORT	NY
JEFF KADET	MACOMB	IL	MITCHELL RAKOFF	FOREST HILLS	NY
ALAN MILLMAKER	CENTRALIA	IL	JAMES STILES	APD NEW YORK	NY
MARVIN SHULTS	TOULON	IL	JAY M NOVELLO	ENDWELL	NY
LES BROOKS	CHAMPAIGN	IL	GARY CROSS	LATHAM	NY
ROGER SABELLA	CHICAGO	IL	PAUL R CREGO	LOCKPORT	NY
ROGER W WINSOR	CHAMPAIGN	IL	DAVID WALCUTT	NEW YORK	NY
GARY OLSON	LAKE FOREST	IL	GREG SNOW	FREDONIA	NY
MORRIE S GOLDMAN	CHICAGO	IL	ANTHONY PILATO	JAMESTOWN	NY
TIM BENKO	LANSING	IL	WILLIAM SCULLY	HUDSON	OH
JOHN CALLARMAN	MT VERNON	IL	ROBERT EDDY	NEWPORT	OH
WILLIAM JOHNSON	CLARENDON HILLS	IL	BILL MIGLEY	LANCASTER	OH
MICHAEL L HOGAN	BURNHAM	IL	MIKE BREWER	FRAZEYSBURG	OH
CHRISTOS RIGAS	CHICAGO	IL	WILLIAM C PALMER	WADSWORTH	OH
THOMAS WEINSTEIN	CHICAGO	IL	CARLON HOWINGTON	AKRON	OH
TIM CRONIN	WORTH	IL	JOHN BUEHLER	TOLEDO	OH
WILLIAM ECKBERG	DIXON	IL	JAMES J WALLACE	BELLAIRE	OH
RICK BAUMBACH	QUINCY	IL	FRANK MERRILL	TOLEDO	OH
SAM MCKEE	DECATUR	IL	JOE PERGE	NEWARK	OH
WENDELL FORD	WESTVILLE	IN	PAUL W BUEHLER	OREGON	OH
JIM GOULD	KOKOMO	IN	DENNIS D DEAN	DAYTON	OH
PETER OPRISKO	WHITING	IN	GARY SIEGEL	TOLEDO	OH
MICHAEL MCNEELY	EVANSVILLE	IN	K NOFFSINGER	TIPP CITY	OH
THOMAS CORNELL	GREENTOWN	IN	DAVID MOODY	WEST PORTSMOUTH	OH
ROBERT ZENT	HUNTINGTON	IN	JOHN PARILLO	GIRARD	OH
RALPH STROBEL	MUNCIE	IN	DAVID ROGERS	FT SUPPLY	OK
JOHN W COMSTOCK	MICHIGAN CITY	IN	DANNY BUNTIN	STILLWATER	OK
DAVID BRUMFIELD	RICHMOND	IN	CARL DEWHITT	PONCA CITY	OK
MASAAKI ARAI	TOKYO	JAPAN	RICHARD N ALLEN	BILLINGS	OK
DAVE POMEROY	TOPEKA	KS	JOHN ZONDLO	OKLAHOMA CITY	OK
PAUL MITSCHLER	TOPEKA	KS	BOBBY WALLACE	BROKEN ARROW	OK
ROGER BORTREE	WICHITA	KS	DR JOEL ROSENBERG	THORNHILL	ONTARIO
RONALD GINARDI	FRONTENAC	KS	MARSHALL CUBITT	SMITHS FALLS	ONTARIO
RALPH UNGLES	SATANTA	KS	PETER SAWATZKY	KITCHENER	ONTARIO
TRACY WOOD	LANSING	KS	ALEXANDER DUTKEWYCH	STROUD	ONTARIO
ROOSEVELT CRAWFORD	JUNCTION CITY	KS	JOHN GRIFFITHS	ANCASTER	ONTARIO
RON WING	WICHITA	KS	CRANSTON BONNELL	DOWNSVIEW	ONTARIO
LOWELL MCCOWN	AUXIER	KY	MIKE REID	NORTH YORK	ONTARIO
MIKE DORNER	METAIRIE	LA	ROGER GRAVELLE	ST THOMAS	ONTARIO
RON LEBLANC	MARRERO	LA	WALTER PATTON	WILLOWDALE	ONTARIO
MARK WILSON	WEST MONROE	LA	SAUL CHERNOS	TORONTO	ONTARIO
LARRY WEIL	ACTON	MA	RICHARD R MCVICAR	PRESCOTT	ONTARIO
HARRY FLOCKHART	RANDOLPH	MA	JOHN M ADAMS	SEASIDE	OR
HAROLD LANE	CARLISLE	MA	PAUL WARDELL	PORTLAND	OR
PHIL SULLIVAN	ACTON	MA	KURT NELSON	PHILADELPHIA	PA
RICHARD STEINBERGER	HUDSON	MA	SCOTT MCNABB	BURNHAM	PA
BILL GRANT	WORCESTER	MA	RICHARD REESE	JERSEY SHORE	PA
MICHAEL J MORTIMER	CHARLESTOWN	MA	MARK UHRYK	DILLSBURG	PA
ROY BARSTOW	TEATICKET	MA	KENNETH E BLAIR	LEBANON	PA
ERNEST R COOPER	PROVINCETOWN	MA	ARMAND DIFILIPPO	PHILADELPHIA	PA
GEORGE MILEON	LYNN	MA	STEVE CHUDOFF	PHILADELPHIA	PA
MICHAEL A BURKE	WESTMINSTER	MA	JOHN ZEIS	EXTON	PA
WILLIAM R SMITH	UXBRIDGE	MA	LOUIS CAMPAGNA	PHILADELPHIA	PA
HENRY GUIMOND	SOUTH BOSTON	MA	MARTY BARVINCHAK	GLENSHAW	PA
ALAN MICHALEK	SPRINGFIELD	MA	GLENN JACOBS	MOSCOW	PA
THOMAS YINGLING	BALTIMORE	MD	DANIEL OETTING	BROOMALL	PA
DONALD L BLEVINS	BALTIMORE	MD	HARRY HAYES	WILKES-BARRE	PA
HENRY S HOLBROOK	CHEVY CHASE	MD	ED KOWALSKI	PHILADELPHIA	PA
WILLIAM B FEIDT	KENSINGTON	MD	ANTHONY L WAGNER IV	BEDFORD	PA
JEFF WOLF	SILVER SPRING	MD	NOBLE A MOYER	MIDDLEBURG	PA
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GEORGE JENSEN	BALTIMORE	MD	JOHN BASEHORE	MECHANICSBURG	PA
PAXTON E PICKRELL	MT AIRY	MD	STEVEN PARADIES	SELINGSGROVE	PA
BEN R WILKIE	YORK	ME	FRANK WHEELER	ERIE	PA
NEIL T KAZAROSS	OGUNQUIT	ME	STEVE GRIMM	FAIRVIEW	PA
ROBERT B JOHNSON	BIG RAPIDS	MI	J E FILER	GROVE CITY	PA
DOUG DORNOS	HUDSONVILLE	MI	JORGE BURGOS	SAN JUAN	PUERTO RICO
DOUG MCABEE	GOODRICH	MI	ERIK NAGEL	TAYLORS	SC
ROBERT GRANT	DETROIT	MI	JIM CAMPBELL	ANDERSON	SC
RANDY ERICKSON	ALLEN PARK	MI	MORGAN L WILLIAMS	WEST COLUMBIA	SC
ROD LUOMA	LIVONIA	MI	MAF	BARCELONA	SPAIN

ZYGMUND GRZYWINSKI  
JOHN ROBERTSON  
RICH R ROSE  
TIM CLAMPIT  
MIKE DEWAN N8AJX  
THOMAS MISHLER  
PHILIP BOERSMA  
LEONARD JOZWIAK  
DAVID RILEY KG8W  
PAUL GAINES  
DAVID LEGLER  
JOHN EBELING  
RONALD PURDUE  
PATRICK DURKIN JR  
TOM COPELAND  
AL GERMOND  
RONALD GREEN  
RICHARD EDDIE  
LONNIE NINE  
DONALD MARSHALL  
PETER WRIGHT  
WILLIAM R HEPBURN  
EDWARD SHEPHERD  
LES PRICE  
BILL COLEMAN KA4DAP  
THOMAS HOLMES  
FRED MCCORMACK  
DR BRUCE ELVING  
DANIEL BARTEK JR  
NEIL ZANK  
LARRY WEISBERG  
HARRY D BROWN  
JOHN WALTERS  
HARRY L HELMS  
BILL FAHBER  
RICHARD STEIN  
ROBERT SCHWEITZER  
ROBERT STONIER  
ROBERT PANTAZES  
CHARLES L BARTLETT  
GERALD BARKOW  
PAUL R MOUNT  
JOE FELA  
ROBERT SMOLAREK  
JIM PIZZI  
ARNOLD M LAZARUS  
EDWARD B FRYE  
MAX ENGEL  
GERALD PULICE WB2CPA  
LEXINGTON SMITH  
NEIL GRANDJEAN  
JOHN STOFFEL  
PAUL TRASKA  
KEVIN MESSMER  
MIKE EHRHARDT  
GERARD HART  
JOSEPH SMITH JR  
BOB SEYBOLD  
DAVE NIEMAN  
BILL THOMPSON  
RICHARD SEDLAK  
ERIC FADER  
JAMES HERKIMER  
ALBERT J KOPEC  
LARRY HERRITT  
ROBERT GOODMAN  
YEFIM MOSENKIS  
STEVEN SPRACHMAN  
FRED NORDQUIST  
MICHAEL LAPINSKI  
ALAN HYAMS  
RICHARD E BERG-ANDERSSON

TAYLOR MI  
CROSWELL MI  
DETROIT MI  
SALINE MI  
HAZEL PARK MI  
FLINT MI  
SPRING LAKE MI  
DETROIT MI  
REDFORD MI  
DETROIT MI  
ROCHESTER MN  
BLOOMINGTON MN  
BYRON MN  
WOODBURY MN  
GREENFIELD MO  
COLUMBIA MO  
JOPLIN MO  
ST LOUIS MO  
MONETT MO  
GREAT FALLS MT  
CHARLOTTE COUNTY N B  
RESOLUTE BAY N T  
HICKORY NC  
WILMINGTON NC  
ROCKY MOUNT NC  
CHARLOTTE NC  
FARGO ND  
KEARNEY NE  
WAHOO NE  
LINCOLN NE  
AMHERST NH  
NEW BRUNSWICK NJ  
VINCENTOWN NJ  
GUTTENBERG NJ  
BRIDGETON NJ  
N BRUNSWICK NJ  
E BRUNSWICK NJ  
HAWTHORNE NJ  
ABSECON NJ  
VINELAND NJ  
MORRIS PLAINS NJ  
TEANECK NJ  
SOUTH PLAINFIELD NJ  
WHITEHOUSE STATION NJ  
LOVINGTON NM  
SAYVILLE NY  
POUGHKEEPSIE NY  
BROOKLYN NY  
STATEN ISLAND NY  
NEW YORK NY  
CROPSYVILLE NY  
SAG HARBOR NY  
BUFFALO NY  
SEA CLIFF NY  
ALDEN NY  
NIAGARA FALLS NY  
JOHNSON CITY NY  
DUNKIRK NY  
AKRON NY  
BUFFALO NY  
JOHNSON CITY NY  
BAYSIDE NY  
CALEDONIA NY  
DUNDEE NY  
ROCHESTER NY  
BRONX NY  
FLUSHING NY  
SUNNYSIDE NY  
CLAY NY  
JAMESTOWN NY  
BRONX NY  
WOODSIDE NY

CHRISTOPHER JOHNSON  
TIM MCVEY  
JAMES VERNON  
TERRY COLGAN  
VERRELL TALLEY  
PETE NOLAN  
RICK SAMFORD  
EDWARD F MORA N5CBG  
PAT DYER WASIYX  
DAVID CURVIN  
WILLIAM R HALE  
JOE GRAGG  
DAN SAMER  
ARTIE BIGLEY  
MEL MURRAY  
JAMES BROWN JR  
LARRY VOGT N4VA  
GREGORY MONTI  
E R COTTON  
DONALD R SNIPES KDX4R  
PHIL BYTHEWAY  
STEVE DUVALL  
JOHN RIEGER  
RON GREENING  
DAVE JANOWIAK  
JOHN BAUMGARTEN  
DAVID M WURL  
TOM SAWYER  
NATHANIEL ELY  
BILL DRAEB  
DANIEL SAMPSON  
MIKE PARKS  
G B VANDEN HEUVEL  
DAVID J HANSON K9ZVZ  
EDWARD RITCHIE JR  
RICHARD GROTHE  
JOHN LENTZ  
DON RULAND  
MICHAEL CUNNINGHAM  
JAMES KINGSBURY  
WILLIAM D SWIGER  
BASIL JOHNSON JR  
BRIAN FARNSWORTH  
TOTAL: 331

MEMPHIS TN  
BOLIVAR TN  
AUSTIN TX  
AUSTIN TX  
PLAINVIEW TX  
GALVESTON TX  
BURNET TX  
LUFKIN TX  
SAN ANTONIO TX  
SAN ANTONIO TX  
CONVERSE TX  
PALESTINE TX  
BAY CITY TX  
SAN ANTONIO TX  
ALEXANDRIA VA  
ARLINGTON VA  
SPRINGFIELD VA  
ARLINGTON VA  
CHESAPEAKE VA  
NORFOLK VA  
SEATTLE WA  
SPOKANE WA  
WEST ALLIS WI  
MANITOWOC WI  
GREENFIELD WI  
TOMAH WI  
MARSHFIELD WI  
CLINTONVILLE WI  
MADISON WI  
KEWAUNEE WI  
BLACK RIVER FALLS WI  
AMERY WI  
GREEN BAY WI  
FALL CREEK WI  
GREENFIELD WI  
MILWAUKEE WI  
HALES CORNERS WI  
KENOSHA WI  
HARRISVILLE WV  
GRANTSVILLE WV  
BRIDGEPORT WV  
HERNDON WV  
PARKERSBURG WV

Out of Sync

Last month's FROM THE STAFF (page 2, December 1984 VUD) mentions the "DX Distance" article as appearing in the July 1984 issue. In fact, it was run in the August 1984 VUD issue. We apologize to those of you who tried to order the wrong back issue because of this!

We neglected to mention that the logos on page 24 of last month's issue were via Alan Hyams. Thanks to all of you who send us logos, which are run strictly on a space-available basis.

Many newspaper clippings regarding the TV and FM broadcast industries are sent to club HQ every month. We appreciate this, but prefer that they be sent directly to either TELEVISION NEWS or FCC FM NEWS. For the sake of both space and accuracy, newspaper clippings usually are not very suitable for use in the VUD, especially since this is a monthly publication.

# VHF UTILITY DX

Donald L. Blevins  
1657 Essextowne Circle  
Baltimore, MD 21221  
phone: 301-391-3408



VHF UTILITY DX.....This month will feature the continuing saga of the public utilities and a feature sent in from new member Marshall Cubitt of Smith Falls, ON Canada.

## MAINE

AUGUSTA WATER DISTRICT  
48.33  
\*\*\*\*\*  
BANGOR HYDRO ELECTRIC CO  
37.50  
\*\*\*\*\*  
BANGOR HYDRO ELECTRIC CO  
37.70  
\*\*\*\*\*  
BANGOR HYDRO ELECTRIC CO  
37.54  
\*\*\*\*\*  
BANGOR WATER DISTRICT  
48.40  
\*\*\*\*\*  
BATH WATER DISTRICT  
153.59  
\*\*\*\*\*  
BREWER WATER DISTRICT  
48.51  
\*\*\*\*\*  
CAMDEN AND ROCKLAND WATER CO  
153.65  
\*\*\*\*\*  
CHARRABASSETT LIGHT + POWER  
47.80

Central Maine Power Company  
153.53 48.10 47.86 47.72 48.10 47.98  
451.10

CLINTON WATER DISTRICT  
158.175  
\*\*\*\*\*  
DAMAZICOTTA NEW CASTLE WATER  
153.65  
\*\*\*\*\*  
EASTERN MAINE ELECTRIC COOP  
47.82  
\*\*\*\*\*  
GARDINER WATER DISTRICT  
158.235  
\*\*\*\*\*  
HOULTON WATER COMPAN  
37.74

\*\*\*\*\*  
KENNEBEC WATER DISTRICT  
158.22  
\*\*\*\*\*  
KENNEBUNK LIGHT + POWER  
158.285  
\*\*\*\*\*  
KITTYHAWK WATER DISTRICT  
48.06  
\*\*\*\*\*  
LUBEC WATER + ELEC DIST  
153.47

MAINE STATE OF  
451.25  
\*\*\*\*\*  
MAINE STATE OF  
451.175  
\*\*\*\*\*  
MAINE STATE OF  
451.05  
\*\*\*\*\*  
MAINE PUBLIC SERVICE CO  
153.41  
\*\*\*\*\*  
MAINE PUBLIC SERVICE COMPAN  
37.86

Maine Yankee Atomic Power Company  
158.13 153.725 153.545 153.455

NORTHERN UTILITIES INC  
153.695  
\*\*\*\*\*  
PORTLAND WATER DISTRICT  
48.13  
\*\*\*\*\*  
RUMFORD WATER DISTRICT  
48.24  
\*\*\*\*\*  
SANFORD WATER DEPARTMENT  
153.47  
\*\*\*\*\*  
UNION RIVER ELECTRIC COOP INC  
47.76  
\*\*\*\*\*  
UNION WATER COMPANY  
158.16  
\*\*\*\*\*  
UNION WATER POWER CO  
153.44  
\*\*\*\*\*  
VAN BUREN LIGHT + POWER DIST  
153.56  
\*\*\*\*\*  
WALDO COUNTY OF  
451.20  
\*\*\*\*\*  
YARMOUTH WATER DISTRICT  
153.425  
\*\*\*\*\*

## VERMONT

BARTON VILLAGE OF  
48.00  
\*\*\*\*\*  
BURLINGTON (CITY OF)  
48.14  
\*\*\*\*\*  
CENTRAL VERMONT PUBLIC SERV  
451.25  
\*\*\*\*\*  
CENTRAL VERMONT PUBLIC SERV  
451.125  
\*\*\*\*\*  
CENTRAL VERMONT PUBLIC SERV  
37.68  
\*\*\*\*\*  
CENTRAL VERMONT PUBLIC SERV  
37.55  
\*\*\*\*\*  
CITIZENS UTILITIES CO  
48.46

GREEN MOUNTAIN POWER CORP  
48.54  
\*\*\*\*\*  
GREEN MOUNTAIN POWER CORP  
48.04  
\*\*\*\*\*  
LYNDONVILLE (VILLAGE OF)  
48.06  
\*\*\*\*\*  
MORRISVILLE (VILLAGE OF)  
158.19

New England Power Service Company  
48.48 48.24 48.12 47.96 47.88 48.50

ORLEANS (VILLAGE OF)  
48.00  
\*\*\*\*\*  
PUBLIC SERV CO OF NH  
153.515  
\*\*\*\*\*  
STOWE (VILLAGE OF)  
153.22  
\*\*\*\*\*  
VERMONT ELECTRIC CO-OP INC  
158.175  
\*\*\*\*\*  
VERMONT ELECTRIC CO-OP INC  
153.665  
\*\*\*\*\*  
VERMONT GAS & STEAM  
37.64  
\*\*\*\*\*  
VERMONT MARBLE CO  
153.53  
\*\*\*\*\*  
WASHINGTON ELEC CO-OP INC  
47.80  
\*\*\*\*\*  
WASHINGTON ELECTRIC CO-OP INC  
48.52

## NEW HAMPSHIRE

CENTRAL NH PUBLIC SERV CO  
37.56  
\*\*\*\*\*  
CENTRAL VT PUBLIC SERV CORP  
37.68  
\*\*\*\*\*  
CONCORD ELECTRIC CO  
37.58  
\*\*\*\*\*  
CONCORD NATURAL GAS CORP  
47.84  
\*\*\*\*\*  
GAS SERVICE COMPANY  
153.47  
\*\*\*\*\*  
GRANITE STATE GAS TRANS CO  
48.52  
\*\*\*\*\*  
GRANITE STATE GAS TRANS CO  
37.74  
\*\*\*\*\*  
HUDSON WATER COMPAN  
158.205

New England Power Service Company  
48.54 48.48 48.42 48.12 48.06  
47.96 47.88 451.15 48.30

NEW HAMPSHIRE ELECTRIC CO-OP  
48.32  
\*\*\*\*\*  
NEW HAMPSHIRE ELECTRIC CO-OP  
47.90

Public Service Company of New Hampshire  
158.25 153.575 153.515 153.485 451.175

\*\*\*\*\*  
UNION WATER POWER COMPANY  
158.16  
\*\*\*\*\*

Marshall Cubitt  
5 Strathcona Street  
Smith Falls, ON K7A 1V6  
CANADA

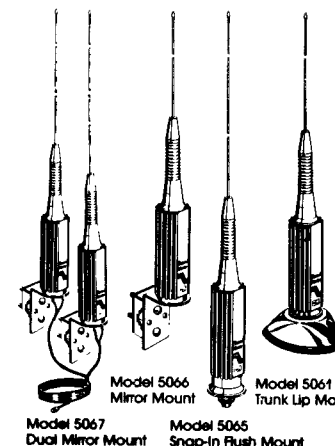
reports:

Ontario Provincial Police 42.06 mhz

XJB 81 Long Sault	XJB 79 Belleville
XJB 241 Hawkesbury	XJB 77 Peterborough
XJB 62 Ottawa	XJB 83 Bancroft
XJB 64 Pembroke	XJB 51 Whitby
XJB 80 Perth	XJB 52 Port Credit
XMI 600 Kempville	XJB 53 Geulph
XJB 63 Brockville	XJB 66 Downsview
XJB 242 Morrisburg	XJB 72 Barrie
XJB 217 Gananaque	XJB 73 Oakridges
XJB 68 Kingston	XJB 74 Burlington
XJB 237 Sharbott Lake	
XJB 67 Napanee	

42.06 Car to Car  
42.22 Car to Base  
41.48 Boats and Aircraft  
42.00

## MOBILE ANTENNAS





# ANARC UPDATE

STEVEN P. SPRACHMAN  
39-16 48 Street  
Sunnyside, N.Y. 11104

## RADIO IN COLOMBIA AND ECUADOR

In August, my wife and I went on vacation. We spent two weeks in these two wonderful South American countries. We visited 4 cities in Colombia, Medellin, Bogota, Cali and Cartagena. And we visited the capitol of Ecuador, Quito for three days. I was given plenty of time to listen to the local radio stations in each city. What I found was very interesting and much different from what I have found in other places I've been to.

This report may have some inaccuracies due to less than ideal conditions. Percise frequencies could not be provided from the radio I brought, a SONY ICF 7600. A major language barrier exists. My Spanish vocabulary consists of very few words. My wife's command of the language got us around and kept us out of trouble. But, she couldn't sit with me and translate everything that was said on the radio. There was inadequate time to fully study the radio situation in each city. DX'ing while on vacation is fun, but you can't expect to do a thorough job.

The first thing you notice, even before you get a chance to turn on a radio, is that radio is everywhere. It is on in the taxi one takes from the airport to your hotel. It is on in the city bus. Next to each stall selling the strangest looking food is a radio blasting the latest Latin American music.

The AM band in the major cities is crowded with stations. Each station plays a different form of South American music. Bogota, the capitol of Colombia, and the country's largest city, has 31 AM stations. Medellin, the second largest city has 28 stations. Cali, the third largest city has only 24 AM stations. Cartagena, which at a population of 50,000 is a small town compared to the other cities, has 11 stations on the AM band. The situation in Quito, Ecuador is the same as in its northern neighbor, with 30 AM stations.

With the AM band so crowded, I figured the FM band would be equally crowded. This was not the case. Bogota has only 17 FM stations, Quito has 16 stations, Cali has 13 stations, Medellin has 11 FM stations and Cartagena has only 4 stations on the FM band.

Most stations are privately owned. Most are commercial stations. There are several religious stations. Only in Bogota, Quito and Medellin were the Government stations heard. Several municipal stations listed in the World Radio TV Handbook, were not heard.

All stations in Colombia and Ecuador have call letters. Normally, a station uses a name to identify themselves. Call letters were only used during the official ID at the top of the hour. An official ID would be something like 'this is Radio Bolivar, HJSS, broadcasting on 870 kcs from Medellin, Republic of Colombia' (not a real station).

Programming on these stations varied. Most stations played music. There are as many forms of Latin American music as there are stations. American Rock and Roll is not very popular. Only one or two AM stations played Rock music. On FM, two or three stations played Rock music. Classical music was found on the government stations. The language of the broadcasts were Spanish. English and German language lessons were found on one station. Only one English language newscast was heard over HCJB's FM station in Quito. It was a rebroadcast of their newscast on shortwave. The rest of the time they played beautiful music. One FM station in Cartagena played excerpts of American Top 40 once an hour. Casey Kasem would count down one song an hour in English and the rest of the programming was in Spanish, including the program for the AT40 spots.

The technical quality on FM was very good, while on AM it varied. Many FM stations are in stereo. The stereo stations announced this in their names. Many are owned by the various networks in Colombia. The biggest networks are Caracol, Sutatenza, Todolar, and RCN.

Of all the locations we visited, Cartagena was the best for DX'ing. It was obvious how good a location it was for AM DX'ing. Its location on the Caribbean coast provides for all water paths to Central America, Cuba and even Miami. At night, two Miami stations, WIOD 610 and WGBS 710 came in loud and clear with very strong signals.

Shortwave is still used by many Commercial stations in Colombia and Ecuador. Shortwave allows for stations to be received in other cities where the AM band is too crowded to allow any distant AM stations to be heard. Also, large areas of the country lack any local radio stations. This is very true

of the large Amazon regions of both countries. And finally, Shortwave, as any Shortwave DX'er knows, allows for international reception of the station. On the 49 meter band, I was only able to hear those Colombian stations that are regularly heard in North America.

The radio in both countries turned out to be very interesting and exciting to listen to. Whenever you travel internationally, bring a radio. You will like what you hear!

Next time I'll have a survey of television in Colombia and Ecuador. I hope everyone had a wonderful holiday season and got everything they wanted for Christmas. (So I didn't get the Rolls Royce and Lear jet, but I got some other neat things.) I wish everyone the best of DX this coming year.

Hasta el tiempo de nuevo,

73's

Steven P Sprachman  
(and Joyce)

# El NUEVO sonido de Guayaquil

LA GALAXIA DEL SONIDO FAMILIAR

## canal 107

BUSCANOS AL FINAL DEL DIAL

FM STEREO

PROGRAMACION DE CANAL 107 FM - STEREO

LUNES A VIERNES

VIGENTE 1o de Octubre de 1984

HORAS	PROGRAMA	TIPO DE MUSICA
0600	NUESTROS ARTISTAS EN 107	Ritmos modernos y selectos de exitos interpretados SOLAMENTE por artistas nacionales
0700	"MEMORIES"	PROGRAMA VIVO: Comentarios y musica de exitos norteamericanos del ayer
0800	"LABORANDO CON MUSICA"	Ritmos suaves y lentos. Se alternaran ritmos en ingles y espanol exitos contemporaneos
1200	"NOTI ESTRELLAS EN 107"	Programa vivo "DUPLEX" Noticias y comentarios sobre las estrellas del disco cine y TV. Musica tipo HOT 100
1300	"ALMOZANDO CON MUSICA"	Musica suave en ingles solamente. Jazz lentos. Tipo soul musica brasileira
1400	"HITS EN 107 (I PARTE)"	Temas totalmente NUEVOS del Ranking BILLBOARD
1500	"CARTELLERA EN 107"	Programa VIVO "DUPLEX" Noticias del mundo del espectáculo de la ciudad entrevistando a artistas que nos visitan. Concursos y Premios
1600	"MUNDO ROCK"	Programa VIVO: Programa de musica rock. Entrevistas con comentaristas sobre interpretes rockeros y concursos entre los fans
2000	"SENTIMIENTOS DE AMOR"	Programa VIVO: Programa romántico. Dedicado a culto por una voz femenina
2100(*)	"HITS EN 107 (II PARTE)"	Billboard. Musica para memorizar. Conducidos por seleccion
2300	"NOSTALGIAS DE 107"	Programa BILLBOARD
2400	FIN DE LA PROGRAMACION	Entra del ayer (en Espanol) Musica breve relajante
Viernes 2100h a 2400h FIN DE SEMANA EN 107		CIERRE
Musica moderna. Batible. Tipo Discoteca		
SABADO		
0600	NUESTROS ARTISTAS EN 107	Idem Lunes a Viernes
0700	"DESCANSANDO CON MUSICA"	Musica suave instrumental. Ritmos lentos en ingles y espanol
0800	"HITS DE FIN DE SEMANA (I PARTE)"	Exitos BILLBOARD. Comentarios del Ranking semanal
1200	"CADERNA DE AER"	
1300	"HITS DE FIN DE SEMANA (II PARTE)"	Programa en VIVO: Una hora de conciertos con un hit, un hit de la semana o no transmitido. Comentarios sobre el mismo
2000	"EL INVITADO EN 107"	Musica moderna batible. Tipo DISCOTICA
2100	"FIN DE SEMANA EN 107"	
2400	FIN DE PROGRAMACION	CIERRE
DOMINGO		
0600	NUESTROS ARTISTAS EN 107	Idem Lunes a Viernes
0700	"DESCANSANDO CON MUSICA"	Musica suave instrumental. Ritmos lentos en ingles y espanol
0800	"HITS DE FIN DE SEMANA (I PARTE)"	Exitos BILLBOARD. Pasados y Contemporaneos. Ritmos suaves y suaves
1400	"OBRAS MUSICALES EN 107"	PROGRAMA EN VIVO: Musica original de algun teatro de Broadway o de alguna pelicula musical. Comentarios al respecto
1900	"HITS DE FIN DE SEMANA (II PARTE)"	Exitos BILLBOARD. Pasados y contemporaneos. Ritmos fuertes y suaves
2100	"FIN DE SEMANA EN 107"	Musica relajante y variada. En ingles y espanol
2400	FIN DE PROGRAMACION	CIERRE

# C.C.I. [UNIDENTIFIED DX]

Robert Grant, K08EN  
5775 Bishop  
Detroit, MI 48224.  
January, 1985.

## TV UNIDS:

Jeff Kadet, Box 20, Macomb, IL 61455.  
1984: Wed 19 Sep Tr ch 43 0538 CDT-- CBP, 0600 sign on "TV-43...studios at 1616 ????.  
transmitter on Qld ????? Road.." (PTA: SE/SSE.)  
\*\*\*\*\*  
Jeff Wolf, 1131 University Blvd.W, Apt 701, Silver Spring, Md 20902.  
1984: Sun 14 Oct Tr ch 40 0733 EDT-- Discussion pgm w/woman talking. (WIC,WMBM,WGGB,WKFT?)  
\*\*\*\*\*  
Jim Pizzi, P.O. Box 1778, Lovington, NM 88260.  
1984: Fri 29 Jun Es ch 5 1740 MDT-- "Three's Company" (PTA: MN,ND,SK.)  
" " " ch 2 1744 MDT-- "Bewitched" (PTA: " ")  
Sun 1 Jul Es ch 3 1104 MDT-- movie with Gregory Peck as a western dude, plus offset.  
(PTA: MI.)  
" " " ch 2 1158 MDT-- "Bionic Woman" (PTA: MI,ON,MB.)  
Tue 3 Jul Es ch 3 1424 MDT-- "The Incredible Hulk" (AL,FL,GA,LA.)  
" " " ch 3 1748 MDT-- "M\*A\*S\*H" (PTA: IA,MN,IL.)  
Thu 5 Jul Es ch 5 1036 MDT-- Jacques Cousteau in EE w/ SS subtitles.(PTA: MI)  
Sun 8 Jul Es ch 3 1921 MDT-- EE cowboy movie w/ SS subtitles. (PTA: Baja Peninsula.)  
Thu 12 Jul Es ch 2 1003 MDT-- "Marty Tyler Moore Show", plus offset. (PTA: NEast.)  
Thu 19 Jul Es ch 3 1705 MDT-- "Wheel of Fortune" (PTA: E)  
Mon 23 Jul Es ch 2 1546 MDT-- "Hogan's Heroes" (PTA: NEast)  
Tue 31 Jul Es ch 2 1353 MDT-- ad for Ontario Motor League/CAA.  
Sun 5 Aug Es ch 2 1014 MDT-- Discussion pgm.: "Sound Off" (PTA: NEast)  
Mon 6 Aug Es ch 3 2149 MDT-- "M\*A\*S\*H" (PTA: OH,IL,MI.)  
Mon 13 Aug Es ch 2 0235 MDT-- "700 Club" (PTA: NEast)  
Sat 18 Aug Es ch 2 0043 MDT-- Wrestling (PTA: NEast.)  
Thu 6 Sep Es ch 3 1044 MDT-- "Laverne & Shirley" (PTA: CA.)  
Mon 10 Sep Tr ch 43 0928 MDT-- ID as KAMR-4, Amarillo, TX. (PTA: TX Panhandle)  
Sat 13 Oct Es ch 2 1136 MDT-- Roy Schieder movie (PTA: NEast.)  
Thu 11 Oct Tr ch 67 0213 MDT-- XLTR of KOAT-7, Albuquerque, NM. Not K67CS.  
Sat 20 Oct Es ch 2 2236 MDT-- car racing movie, ad for "Al Piemonte's Arlington Heights  
Ford". (Arlington Hts.is a suburb of Chicago. so WBBM -RG)  
" " " Es ch 2 2238 MDT-- movie: "The Graduate" (PTA: MI,IL,OH.)  
Sat 3 Nov Tr ch 15 0113 MST-- Rock Videos (PTA: ENE.)  
" " " ch 20 0146 MST-- movie, 10k beat to KTXN-20. (PTA: ENE.)  
" " " ch 19 0158 MST-- movie. (PTA: heading between OKC and Little Rock.)  
Thu 8 Nov Tr ch 63 0126 MST-- Spanish Lessons, not OETA. (PTA: OK.)  
" " " Es ch 3 0346 MST-- large black diamond with white lettering. (PTA: ENE.)  
" " " Tr ch 19 0417 MST-- children's pgm w/ hand puppets. (PTA: E)  
" " " ch 19 0505 MST-- "PTL Club", minus offset. (PTA: NEast)  
" " " ch 18 0535 MST-- OETA (PTA: South Central OK.)  
Tue 13 Nov Tr ch 52 0957 MST-- KDMC-34 pgm, not Childress, TX. (PTA: OK.)  
" " " ch 25 1019 MST-- NBC, plus offset (Kansas City UHF's in, suspect WEEK.)  
" " " ch 19 2358 MST-- xltr of KMID-2, Midland, TX. (PTA: ESE)  
Wed 14 Nov Tr ch 55 0308 MST-- CBS (PTA: OK,KS.)  
" " " ch 29 0311 MST-- CBS (PTA: OK,KS.)  
" " " ch 40 0322 MST-- 20 kHz beat to K48AG, Strong City, OK. (PTA: MNW.)  
(Maybe if K48AG was in Weak City you would have IDed  
(this one, hi. -RG)(oops!, I forgot, UNID had CBS.)  
" " " ch 78 0326 MST-- xltr of KWTN-9, Oklahoma City, OK. (PTA: OK.)  
(perhaps K78BK, Marceline, MO (KMBC)?? -RG)  
Fri 23 Nov Es ch 2 1747 MST-- "Entertainment Tonight" w/ ads for "Handy City"  
and "Richway" (PTA: NEast) (not WJBK -RG)  
" " " Es ch 2 1758 MST-- "Three's Company" (PTA: NEast)  
" " " ch 2 1759 MST-- "....W....TV's I-TEAM...." (PTA: " ")  
(Jim, sorry I had to wait until I had 3 of your reports until I had enuf for a column,  
if we all lived in Lovington I could get everybody's reports done faster, but I would  
have to quit my job, hi. TKN for the TV "guides" -RG)

## FM UNIDS:

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260.  
1984: Tue 16 Oct Es 103.9 1910 MDT-- "Z-104", rock format. (ND,MT,ID,WY,OR,UT.)  
Tue 13 Nov Tr 88.5 2004 MST-- KIQF-104.7, Lamesa, TX. (image? xltr?) (PTA: Midland area)  
Tue 20 Nov Es 91.9 1741 MST-- SS, M, Sergio Mendes-type mx. (PTA: Mexico.)  
\*\*\*\*\*

## CCI- unidentified DX

January, 1985.

## TV IDs:

John Combs  
1984: Tue 5 Jun Tr ch 35 0200 EDT-- ID slide. (PTA: SC,VA,KY.) (Jeff Wolf suspects  
WRLH-35, Richmond, VA. and sent a drawing of their ID slide, but on lined paper,  
so I had to redraw it.) (remember, everybody: all drawings must be black ink  
on white bond, unlined. never bigger than 2x3 1/2 (best size for drawing a full screen.)  
\*\*\*\*\*  
I soon hope to have my 40-meter dipole antenna \*  
installed and ready to use. If you are a ham with \*  
40m capability and want to talk FM/TV or other DX \*  
(by voice or code) let me know. \*  
Happy new year. For some reason it doesn't \*  
seen like 3 years I have been doing this column. \*  
maybe DX, a bore in '84, will be alive in '85! \*  
73 & a nice 1985. \*

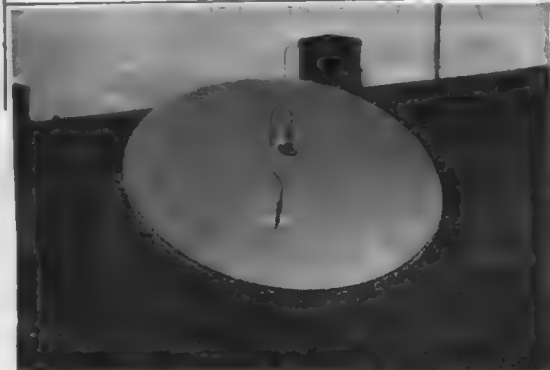


## Worldwide TV-FM DX Association

## PHOTO-NEWS

David J. Nieman  
12284 Nice Road  
Akron, NY 14001  
U.S.A.

January 1985



We start off 1985 with a  
look at Jim Pizzi's ant-  
enna set-up.....

The satellite dish used  
by Jim is a 10' PRODLIN.

On the right we have his  
CHANNEL MASTER CM-1110  
VHF antenna with a WINE-  
GARD AC-9990 preamp.....

# WESTERN TV-DX

Fred McCormack  
Box 5221  
State University Sta.  
Fargo, ND 58105

January 1985

Deadline: 2-8-85

A nice collection of DX reports is on hand this month. DX was dominated by tropes, of course, and once again some super trope was observed, including loggings from beyond 800 miles by both Jeff Kadet and Jim Pizzi.

I would also like to call attention to Jeff's observation of W49AA, Springfield, on November 12 at a time when it was putting no less than three television broadcast signals on the air, none of which were the proper one. DXer's BEWARE! At the risk of belaboring the point, remember that during super trope openings there are almost certainly going to be signals observed that are not really what they seem to be. I would like to keep the incidence of reports of dubious translator loggings to a minimum, but I have little desire to get involved with second guessing the observations of DX reporters. It is up to you, the DX'er, to consider the various possibilities before reporting a new translator logging. Reports of unids, of course, are of interest and others may help with an ID.

It has been my experience that, at least in Minnesota, translators just do not get on the air before there has been, at the very least, an official report of an application having been made. I know there are exceptions to this, but I believe that the majority of loggings can be attributed to translators which are already on the FCC published lists, and for various reasons may be emitting signals other than those which are expected.

For the exceptions, one possibility is what Bill Fahber recently pointed out in his column; operation of facilities prior to construction permit grant under special temporary authority. I don't know much about this practice, but I wonder if it isn't possible that the FCC has allowed translator operators to speed up their move out of the channel 70-83 region in cases where they have begun to experience radio interference.

While on the subject of translators, a couple reporters this time praised the Translator-Low Power TV List which Bill recently completed. I would like to add my wholehearted second to that. It is an exceptional reference and we owe a lot to Bill for all the time which he put into it. I'm sure Bill would welcome any corrections and/or updates to the list.

New \_\_\_\_\_ New Mode \_\_\_\_\_ Tent. - t Unidentified - unid S/On - + S/Off - =  
ID Color Bars - @ \_\_\_\_\_ Unid Color Bars - % IHTP - \$ Misc. Test Patterns - &

Jeff Kadet, Box 20, Macomb, IL 61455 (309)-833-1809

CST

Equipment: Zenith N1310 color, Channel Master 1110 with CP 3800 preamp, RG-11 at 50', Channel Master 7' dish with PA 4975 preamp, .500 cable at 55'

November 1984	12 tr 0457 W49AA 49 IL 70	13 tr 0442 WLTZ 38 GA 635
3 tr 0500 KTBO 14 OK 510	(Noted w/WTWO-2 on 48,	0445 &WXTX 54 GA 635
KOKH 25 OK 510	WSIL-3 on 49, & heavy	(Res TP-s/on 0500)
0652 K42AM 42 IA 100	CCI (KMOX-4/WTIV-4?)	(Station # 500!)
(Ottumwa LPTV)	on 50. All before	0505 @WATL 36 GA 575
0808 KGMC 34 OK 510	normal WCIA-3 s/on.)	0510 WVEU 69 GA 575
KAUT 43 OK 510	1900 WBMG 42 AL 575	WHNT 19 AL 455
0831 KXTX 39 TX 640	2100 WJSP 28 GA 635	0530 +WJSU 40 AL 545
0932 KVUE 24 TX 815	2158 WATL 36 GA 575	0532 WMTT 41 GA
1000 KTVV 36 TX 815	2209 WCMV 27 MI 370	0537 WETV 30 GA
1030 KEVO 42 TX 815	13 tr 0102 WTTT 21 AL 575	0615 WTVK 26 TN 475
1032 KLRU 18 TX 815	0117 WKAB 32 AL 615	WATUT 26 GA
1102 KTAB 32 TX 755	0258 WCOV 20 AL 615	0634 WIIQT 41 AL
1111 KRIV 26 TX 795	0310 WKPC 15 KY	0645 +WCLP 18 GA 510
1200 KRLD 33 TX 640	(AN w/bulletin bd -mx)	0700 WTCI 45 TN 475
11 tr 2300 KOKI 23 OK 415	0340 WFSJ 51 OH 425	0724 WGNX 46 GA 575
	0352 WTBST 17 GA	0727 WDSI 61 TN 475
	0404 CKCO3 42 ON 455	0752 WGX 24 GA 660
	CIII29 29 ON 455	1005 WSVN 47 VA 500

Two nice openings the first half of the month. I was away the second half.

K42AM is a new LPTV station. The few times I've watched them they've had country western music shows and local news.

I spoke to Jim Pizzi on the phone during the opening to Texas to see if it was getting as far as Lovington, but it wasn't. Jim had it the day before and got into Missouri.

The opening on the eve of the 12th and AM of the 13th covered all the way from Green Bay to Sarnia, then down through central Ohio to Georgia. I just concentrated on the southeast because that's where most of the stations were that I needed. I saw all kinds

Western TV DX

January 1985

Jeff Kadet (continued)

of CCI which had never been seen before.

I sent a tape to WMTG-41 to see if they could recognize the woman's voice on it. She gave a local weather forecast during a brief break in the Today Show.

The new LPTV/Translator Guide is a great help. I was able to find plausible explanations for five of the seven unIDed 'translators' from the infamous morning of August 22nd. The two remaining are KAKE-10 on channel 72 and KBGT-8 on channel 65. I sent letters to the CE's of both stations to see if they could help.

That was good advice from Rich Wertman in the November VUD about getting .500 aluminum hardline from your local cable company. A lot of them have almost empty rolls of it out in back and are happy just to get rid of the stuff.

\*\*\*Jeff, congratulations on reaching the 500 milestone! fm\*\*\*

Nathaniel Ely, 1237 East Johnson St., #2, Madison, WI 53703 (608)-257-5220

CDT/CST

Equipment: Quantum 1110, C.M. 7' dish with 4990 preamp at 61', 70'/30' runs of .412/RG-11 cable, H-D 73 rotor. Winegard DA-405 post amplifier (when locals off the air), Channel Master 7206 "Hi Q" trap (UHF). Tower, QDMX MD-56 (free standing).

October 1984

11 tr 0202 WJPT 14 IL	29 tr 2313 CBLFT10t 48 ON	13 tr 0443 WFSJ 51 OH 420
(3/4 CB AN)	(TP & dual pitch	0500 WKPC 15 KY 400
23 Es 1900 WDIQ 2 AL 820	tone after s/off)	0509 @WZTV 17 TN 500
28 tr 1948 KSHB 41 MO 400	2400 =CIII29 29 ON 355	0515 WGRB 34 KY 460
1949 KYFC 50 MO 400	0016 WSEE 35 PA 465	0630 +WKSO 29 KY 480
1957 KCPT 19 MO 400	0104 WDLI 17 OH 420	0651 WKON 52 KY 390
1959 KEKR 62 MO 400	0109 CITY 57 ON 480	22 tr 0046 KSPR 33 MO 460
2021 WGNt 52 OH	0111 CIII22 22 ON 510	24 tr 0108 KMEG 14 IA 360
2023 WUAB 43 OH 400	CFMTt 47 ON	0124 K14AD 14 MN 315
2330 =WRCT 45 OH 350	CBLFT9t 40 ON	(Wadena KSTP- 5)
29 tr 0600 WRGT 45 OH 350	(Same TP and tone	25 tr 0051 KBSI 23 MO 400
0719 KC U's MO 400	as channel 48)	0204 =WUAB 43 OH 400
0800 WJTC 26 OH 360	0135 K66BV 66 MI 315	0254 WTCT 27 IL 375
0939 WFSJ 51 OH 420	(Detroit SIN)	0337 @WKPT 19 TN 565
0952 WNEO 45 OH 445		0508 K30AC 30 MN 300
0954 WCLQ 61 OH 400		(Marshall KSTP- 5)
1000 WOSU 34 OH 405		0509 K14AD 14 MN 315
WEAO 49 OH 415		St James MN xits
1003 WOAC 67 OH 420		0606 K65BY 65 IA 150
1004 WUAB 43 OH 400		(Waterloo PTL)
1008 WYTV 33 OH 460		(This is for you, Jeff)
WPGH 53 PA 505		0628 K58AS 58 MN 300
WQLN 54 PA 465		(Redwood Falls KEO-11)
1844 Cleveland 25, 43,		0630 K5IN 27 IA 360
and 61		KEIN 32 IA 350
1909 WQLN 54 PA 465		0657 Ottumwa 33, 74, 76
1917 CKCO3 42 ON 480		0720 K48AH 48 MN 315
1926 WPGH 53 PA 505		(Willmar KMSP- 9)
1928 WNEO 45 OH 445		0738 KC 41, 50, 62 400
2115 WOAC 67 OH 420		0813 Appleton MN xits
2133 WGN 52 OH 375		ch 52, 54 tent.
(Telethon)		0825 W68AA 68 IL 270
2134 WYTV 33 OH 460		(Danville WAND-17)
2204 WEAQ 49 OH 415		(Snow free)
2247 CIO059t 59 ON		0830 K42AM 42 IA 240
		(Ottumwa LPTV)
		0900 zzz....

November 1984	3 tr 0155 =KBSI 23 MO 400	0912 WTVQ 36 KY 430
	0912 WTVQ 36 KY 430	WLEX 18 KY 430
	0945 WLKY 32 KY 400	WDRB 41 KY 400
	1018 KCBjt 17 MO	WKSot 29 KY
	9 ls 1230 WRGT 45 OH 350	1254 WCET 48 OH 375
	12 tr 2003-2100 Dayton 16, 22	and 45 good. 350
	2200 Cincy 19, 43, and	48 good. 375
	2347 WKRC 12 OH 375	13 tr 0233 KFVS 12 MO 400
	0325 CKCO3 42 ON 480	0328 CIII29 29 ON 355
	0421 WEHT 25 IN 375	0436 WDRB 41 KY 400
	0438 WTVQ 36 KY 430	

Overall, I've been pretty satisfied with the DX over the past two months. I was especially pleased to log some stations that had eluded me; such as WGN-52, K5IN-27, and K5IN-32. I also noted that K42AM in Ottumwa, Iowa is now on the air. When I saw them, they were showing a black and white movie. They also showed "Country Music Television" starting at 0830.

KEKR-62 in Kansas City seems to have dropped it's all news format in favor of traditional independent fare.

I've noticed that WFBN-66 in Chicago now is listed in the Illinois-Southern Wisconsin edition of TV Guide. WBBS-60 and WPR-60 still are not listed. I guess they can't come up with enough bribe money.

Bill Draeb pointed out to me that I've been misreporting the calls on channel 46



Nathaniel Ely (continued) from Traverse City, Michigan. For the record, the correct call is W46AD, and it rebroadcasts WCML-6 from Alpena. Thanks, Bill.

Speaking of translators, I hope that everyone has ordered the new Translator-Low Power TV List. It is really complete and represents a tremendous amount of work by Bill Fahber. We all owe him a great debt of thanks.

Well, that's all for now. I hope everyone had a DX-filled Christmas and a happy new year. 73, Nate

\*\*\* (Nate, regarding your call letters for Traverse City; I am afraid that if you had reported it as W46AD, I would have changed it to W46AC. All the references which I have indicate it to be W46AC. I recall vaguely that Bill Draeb reported some time ago that the published calls were incorrect. Maybe we could get an update, Bill? fm)\*\*\*

William Eckberg, RR#4, Dixon, IL 61201 (Total stations: 432 with 6 new) CST

Equipment: Zenith b&w tube receiver, CM 1110 VHF antenna, CM 7' UHF parabolic with Winegard PA4975 preamplifier on a 30' tower.

November 1984	25 tr 0435 KSNF 16 MO 413	25 tr 0930 K41AD 41 IA 147
	0800 K76BZ 76 IA 158	(Lansing KYIN-24)
	(Ottumwa WHO -13)	28 ms 0512 KPRC 2 TX 890
13 tr 0700 WSVN 47 VA 483	0830 K74CO 74 IA 158	30 tr 2000 WIUM 22 IL 105
0800 WCVN 54 KY 312	(Ottumwa KCCI-8)	2100 WFHL 23 IL 129
25 tr 0348 WAKR 23 OH 404		

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260 (505)-396-3251 MST

Equipment: Tri-Ex MW-65' Tower - @ 65', 10 element Antennacraft (hor) into Akai AT-V04 and JVC VT700 with Jerrold FM de-snowers; @ 68', Finco P-7 UHF dish with Eu-4s preamp into Sony 8" b&w or Motorola 19" color; @ 72', Winegard CH-7023 (10 elements, chs 7-13) with Winegard AC-9730 preamp into Motorola 19" color. 35 Foot Tower - @ 35', Winegard CH-4054 with Winegard A-215 in house tube amp into Motorola 19" color; @ 38', CM 4250 6' UHF with Eu-4s preamp into 12" Emerson b&w. 20', 10 element channel 2 with Winegard AC-9260 preamp (channels 2-6); 35', CM-1110 with Winegard AC-9990 preamp on 20' push up on garage roof; Channel 2 and FM vertical on 20' push up; Winegard CH-4054 on 10' mast; 25, 10 element Antennacraft FM (vert) into JVC VT900; 13, Winegard CH-4052 with Winegard AC-9260 preamp (chs 2-6).

November 1984	8 tr 0136 K68## 68 OK?	8 tr 0251 *K48## 48 OK?
7 tr 2130 KHTV 39 TX 515	(Unknown KWTW-9)	(Unknown KWTW-9)
2133 KOKI 23 OK 473	0139 K56## 56 OK?	0252 *K50## 50 OK?
2135 KAVU 25 TX 468	(Unknown KWTW-9)	(Unknown KOKH-25)
2145 KEDT 16 TX 505	0153 *K82## 82 TX	(N central OK)
2147 KXIX 19 TX 468	(Unknown CBS)	0258 K20## 20 TX
2150 KTXN 20 TX 515	*K76## 76 TX	(Unknown KLBK-13)
	(Unknown CBS)	(Not an image!)
2151 KVEO 23 TX 576	(Above two had neg pix and normal sound)	0310 WJHG 7 FL
8 tr 0024 KLTT 49 TX 368	0154 K79BTt 79 TX CBS	(0 kHz to KTBC)
0027 KLMG 51 TX 480	0201 *K81## 81 TX	0315 WGN 26 LA 819
(ID as Longview-Tyler, has CBS, -0036, +0458)	(Unknown CBS)	0336 K76CL 76 TX 435
0045 KTBC 7 TX 377	(San Antonio hdng)	(Bryan KCEN-6)
=KWTX 10 TX 368	0215 K58## 58 TX 165	0343 K18ALT 18 TX
0100 KTVT 11 TX 368	(Turkey KFDDA-10)	(Too wk to read)
0116 K31## 31 TX 216	0217 K72DW 72 TX 285	0352 K80AJ 80 TX 294
(Wellington KVII-7)	(Mason KTBC-7)	(San Saba KCEN-6)
K33## 33 TX 216	0230 K65BCT 65 TX CBS	0355 K81BQ 81 TX 297
(Wellington KFDDA-10)	0234 K67BL 67 TX 289	(Chrry Springs KMOL-4)
0117 K40AL 40 TX 200	(Mullen WGN-9)	*K76CR 76 TX 309
(Memphis KVII-7)	0237 K63AYt 63 TX	(Hunt KMOL-4)
K42AL 42 TX 200	0242 K72DN 72 TX 309	0401 WNOL 38 LA 819
(Memphis KFDDA-10)	(Leakey KENS-5)	0417 WMAHt 19 MS
K44AK 44 TX 200	0243 *K70## 70 TX?	0430 +KIDZ 24 TX 282
(Estelline KOKH-25)	*K81## 81 TX?	0444 K54## 54 TX 165
0127 K63BE 63 TX 222	(Austin heading)	(Turkey KAMR-4)
(QuanaH KFDD-3)	0246 K65## 65 TX	0445 K83AQ 83 TX 159
0133 K67BO 67 TX 222	(Unknown WFDDA-8)	(Matador KLBK-13)
(QuanaH with KTBC-7)	(San Antonio hdng)	0448 KETUL 8 OK 473

Jim Pizzi (continued)	13 tr 0956 K57BB 57 OK	14 tr 0102 K30## 30 ??
	(Duke KWTW-9)	(Unknown KVII-7)
	(Under K57CW)	0105t KDNL 30 MO
8 tr 0505 K19## 19 ?? PTL	0957 K52## 52 TX	0112 K39## 39 ??
0506 K19AA 19 OK 252	(Childress KGMC-34)	(Unknown KVII or KVIJ)
(Altus KWET-12)	(Vy wk; 46,48,50 strg)	0203 KADN 15 LA 684
0535 K18## 18 TX OETA	1019 WEEKt 25 IL NBC	0212 K55## 55 ?? n
(In TX1, K18AL heading	(Hdng slightly n of OKC	(Country MX TV)
but DFW U's vy poor)	OKC 43 vy weak. Does	0257 KNLK 24 MO 824
10 Es 1638 unid ch 2 ne	KOKH-25 run any NBC?)	0304 KDNL 30 MO 824
1655 unid ch 2 ne ABC	1020 KC 41, 50 MO t	0308 K55Bvt 55 OK CBS
1759 WDIQ 2 AL 1008	1039 WRAUT 19 IL	(OKC hdng-KWCH?)
1900 WSJK 2 TN 1170	(CCI to K19AA)	0311 K29## 29 OK? CBS
1915 unids chs 2-5 ne	1753 KAVU 25 TX 468	0322 K40AG 40 OK 300
2200 WDIQ 2 AL 1008	KORO 28 TX 505	K40## 40 ?? CBS
11 ms 1139-1151 unids 2-6 e?	(Under KAMC)	0326 K78## 78 OK
1155 WSJkt 2 TN	1758 Houston 20,26,39	(Unknown KWTW-9)
(Gone by 1157, longest	1800 KEDT 16 TX 505	0332 K4VHPt 29 LA east
ms ever seen!)	1902 KTRK 13 TX 515	0338 KLFY 10 LA 684
1641 unid ch 28	1918 KLMG 51 TX 480	(0 kHz to KFDDA)
(1/2 sec - 10 kHz -KAMC)	1922 KHBS 40 AR 510	WAFB 9 LA 743
Es 2158 unids ch 2 ne	1925 K18ALT 18 TX	(- to KWTW. Over
(Es gone by 2210)	2000 KLTS 24 LA 539	KWTW at 0409.)
2216 unid ch 3 ne	(Sign/off 2230)	0416 KMTTC 27 MO 635
(Es gone by 2219)	2231 KSNF 16 MO 576	0421 KSNF 27 KS 633
2237 KTVI 2 MO 824	=KLPA 25 LA 644	0426 KKLRT 16 AR 644
2259 WKRN 2 TN 968	2252 K53AV 53 OK 240	0432 KEMARD 14 LA 662
2352 WSB 2 GA 1098	(Hollis KOKH-25)	0436 KSPR 33 MO 635
13 tr 0830 K81AR 81 OK 275	2255 K55BQ 55 OK 240	0438 WRBT 33 LA 743
(Cheyenne KFDDA-10)	(Hollis w/K55AM)	0451 K65BE 65 TX 222
0835 K77## 77 ?? NBC	K57BB 57 OK 240	(QuanaH KAUF-6)
(OKC heading)	(Hollis w/K57CW)	16 ms 0459 KMTV 3 NE 698
(Not Snyder, TX)	2257 Clarendon TX 47,	19 tr 2042 KUPK 13 KS 360
0837 K70CF 70 OK 291	49, 51.	(Under KLBK)
(Arnett KMAR-4)	Childress TX 46,	20 Es 1730 XEW 2 DF 960
K72CB 72 OK 291	48, 50.	1735 XHP 3 PU 985
(Arnett KFDDA-10)	2258 Memphis TX 38,	(Televisia de Puebla)
0841 K74BF 74 OK 291	40, 42, 44.	1738 KXTV 4 DF 960
(Arnett KVII-7)	2303 K18AL 18 TX 441	1742 XHGC 5 DF 960
0842 KEDT 16 TX 505	2309 KOKI 23 OK 473	21 tr 1545 D-FW U's 21, 27,
0844 KAVU 25 TX 468	(Sign/off 2337)	33, 39.
K30AE 30 OK 370	2335 KWTW 9 OK 380	1600 OKC 25, 43 380
(Alva KETA-13)	2345 K19AA 19 OK 252	1612 K28ACT 28 OK
(Almost snow free)	(Altus w/KTXS-12	1900 Tulsa 23, 43 473
0908 K36## 36 OK?	instead of KWET)	1924 KSNF 16 MO 576
(Unknown KGMC-34)	=K19## 19 ?? KMID	22 Es 1730 unid 2 e "TV-2"
0929 K19AA 19 OK 252	KTHV 11 AR 644	1900 WMAB 2 MS 828
0930 K19## 19 KS, TX?	(Arkansas 11")	23 Es 1606 unid ch 2 nw CBS
(Unknown with KOOD-9	0038 KOTV 6 OK 473	(KTVN or KBCI?)
or KWTW-9. Actually	(CBS Nightwatch)	1804 unid ch 2 ne PBS
looked like KTPX's 9)	0042 KLRT 16 AR 644	24 Es 1801 XEWO 2 JA 840
0935 *K38AM 38 OK 300	(Carrier w/ tone)	1828 XEZ 3 QR 840
(Strong City KTVY-4)	0045 K46## 46 TX 196	25 Es 1055 unid ch 2 Mexico
*K40AG 40 OK 300	(W/ms of KOUS-4)	(Es gone by 1114)
(Strong City KWTW-9)	0050 K59AD 59 TX 270	30 Es 2100 KTVN 2 NV 1008
*K42AG 42 OK 300	(Perryton KVII-7)	KCR 4 NV 1008
(Strong City KOKH-25)	0056 Arnett OK 72, 74	2104 KTVU 2 CA 1116
0937 *(Over Memphis)	0057 K76BD 76 TX 305	(Es gone by 2115)
0952 K50## 50 OK	(Booker KVII-7)	2214 unid ch 2 Mexico
(Unknown KOKH-25)	0059 KWCH 12 KS 464	

Quite an exciting report period this time around, with St. Louis channels 24 and 30 the highlight. KLMG-51 is new on the air and is a CBS affiliate. Another high point was WNOL-38 with WGN in also. WNOL was much stronger than WGN.

Lots of translators were seen too. I saw my first meteor skip via UHF translator on November 14 with a beautiful ID slide of KOUS/KYUS on K46##, Childress, TX (196 miles) which normally carries KAMR-4 which was off.

November 11 meteor skip was unbelievable - 18 minutes long! A full explanation is in my FM report. Even had a fair amount of Es, too. I'm happy! Til next time, 73's, Jim

\*\*\* (Let us know when you learn more about your mystery translator's locations. fm)\*\*\*

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

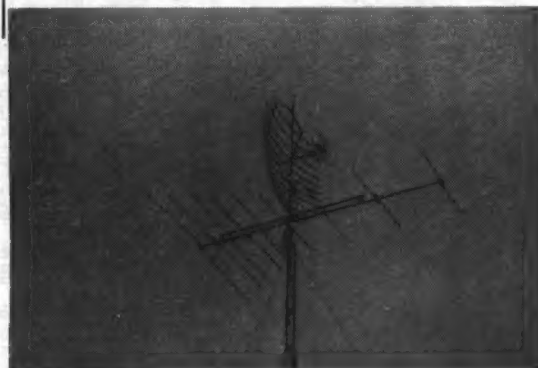
CST

Equipment: VHF: Broadmoor 9" black & white, Winegard CH-7078; UHF: Magnavox 19" color, Winegard CH-9095, Blonder-Tongue CMA-Uc pre-amp; Alliance rotor.

November 1984	24 tr 0908	WLRE	26 WI	460	24 tr 0510	WPNE	38 WI	455
24 tr 0002 <u>K22AK</u> 22 ND 145	0909	WXGZ	32 WI	460	0920	WKOWt	27 WI	
(Devils Lake KXJB- 4)	0910	WHWC	28 WI	270	1500	KRIN	32 IA	395
0022 KCBR 17 JA 385		WLEF	36 WI	315	25 tr 0927	WLRE	26 WI	460

## Worldwide TV-FM DX Association

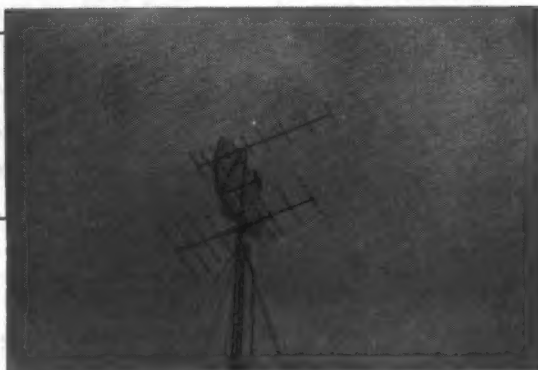
## PHOTO-NEWS (continued from page 27)



In the photo at the left we have a CHANNEL MASTER 6' UHF antenna with a EU-4s preamp at 40 feet and a WINEGARD CH-2026 with an AC-9260 preamp at 35 feet.....

at the right, from top to bottom is, a WINE-GARD CH-2073 with an AC-9730 preamp at 75 feet, FINCO P-7 UHF with EU-4s preamp at 70 feet, ANTEN-NACRAFT 10 element FM at 65 feet.....

other antennas used are a conical with WINEGARD AC-9260 preamp at 12', 5 element CH-6 yagi at 12', 10 element CH-2 at 20' and vertical mounted 10 element ANTENNACRAFT FM antennas at 25 feet.



Dave

# EASTERN TV·DX

William J. Draeb  
Ellis St. R.R.#2  
Kewaunee WI  
54216

January 1985

Rich Wertman; 315 Pine St., Lockport NY 14094 EDT

Here's my report for the Eastern DX column. The conditions were very good in October, caught some VHF Es! Also, I had some good auroral openings on 10-6 and later dates in October. Funny thing but all I had to do was look at the North sky to see heavy green ions blasting tropo and auroral DX to me! I got the Channel Master dish up with CP-4800 amp, but just removed it today (11/18) and put up a Finco P-7 with CP-4800 Winegard amp. I want to see the difference on DX. I really lucked out on the Finco. About 10 years ago a neighbor of mine had the 7 footer on his roof but it was removed 5 years ago. I never could figure what he did with it until Halloween Night when I caught him throwing it out for junk! I couldn't believe it but it had been behind his garage for 5 years. Well, I grabbed it up and did a lot of steel wooling, but all elements were intact, nothing 100 machine screws and nuts couldn't take care of. I know one thing for sure, there has to be a better way of holding all the reflector elements together than those stupid clips. Maybe I'll devise something. At present I have two 7' Channel Masters and one Finco P-7. This place looks like an antenna farm!

<u>Sept. 1984</u>				<u>Oct. 1984</u>				<u>Oct. 1984</u>			
29 Tr 1227	WAKR-23 OH 240			6 Tr 2020	CICO-59 ON 200			12 Tr 2245	WENY-36 NY 170		
	WUAB-43 OH 225			2030	" -61 ON			2255	WMGC-34 NY 180		
					CBLFT-68 ON 195				Unid-33; PBS, S.		
<u>Oct. 1984</u>					CICO-51 ON 150				CBLFT-32 ON 210		
3 Tr 1800	WCLQ-61 OH 225				CBLFT-55 ON 130				CICO-28 ON 200		
	WENY-36 NY 170	11 Tr	2200		WNPE-16 NY 160			2300	WUTR-20 NY 185		
1820	WXON-20 MI 240				WNPI-18 NY 170				CKWS-11 ON 160		
	WKAR-23 OH 300	12 Tr	1800		WESTM-3 NY 125			14 Tr 0130	CHNB-4 ON 230		
	WUAB-43 OH 225				WUTR-20 NY 185				WDIV-4 MI 240		
1830	WKYC-3 OH "		2200		WKBD-50 MI 240				WTAE-4 PA 215		
	WEWS-5 OH "				WTVB-56 MI "			0145	CFCN-4 PQ 325		
	WVIZ-25 OH "		2220		W46AB NY 90				WOXZ-7 MI 240		
1840	WTAJ-10 PA 200				W56??(WNED-17)				over WKBW-7; 20		
6 Tr 2000	WJAC-6 PA 210				Unid-59; PBS, S.				mi. south of		
	CBLFT-15 ON 130				WCLQ-61 OH 225				GTH,		
2010	CICO-32 ON 210			2230	WGPR-62 MI 240			0150	CHEX-7 ON 125		
	CBLFT-15 ON 90				WOAC-67 OH 230				Minden ON; also		
(are there 2 on ch.15?-wd)					WPGB-53 PA 215				over WKBW-7.		
	CICO-18 ON 130			2245	WUAB-43 OH 225			20 Es 1430	WEAR-3 FL 1300		
2020	CBLFT-34 ON 150				WPCB-40 PA 210						
	" -40 ON 130				CBLFT-40 ON 130						
	" -48 ON 200				WICZ-40 NY 180						

The rest of October and so far into November mostly VHF and UHF drops from Erie, Scranton, Pittsburgh, Toledo, Detroit, Cleveland, Lansing, Battle Creek, Akron, etc. NY DX; also some openings into Canada and Illinois but not very solid signals. We'll see how this Finco works and maybe something more interesting to report next month. However the real good drops went south for the winter with the geese so who knows! Equipment used: Sony SL-2300 VCR; 12" b&w Zenith, 19" color Panasonic, Lance VM 886 VHF at 65', 8 bay bow-tie at 68', HD -73 rotor, P-7 dish with CP-4800 at 60', Channel Master rotor, stacked CM #3661's in backyard at 20' for VHF Es. (More DX below-wd).

Oct. 1984			Oct. 1984			Oct. 1984		
12 Tr	2300	WPXI-11 PA 215	12 Tr	2330	WPTA-21 IN 375	13 Tr	2350	WGTE-30 OH 270
		WTOV-9 OH 270		2340	W6AAF(WVIZ-25)		0045	WUHQ-41 MI 350
		WXYZ-7 MI 240	13 Tr	1030	WNPE-16 NY 160			WTLW-44 OH 280
2310		WENG-12 NY 180		1035	WNPI-18 NY 170			WBGU-57 OH "
		WQED-13 PA 215		2200	W6TJ(WLNS-6)			Unid-47; SSW
		WEWS-5 OH 225		2210	WIHT-31 MI 300	0100		WGVC-35 MI 320
2330		WFFT-55 IN 375			SelectTV			WLIO-35 OH 280
		WKJG-33 IN "			WHDH-24 OH 270			WTOI-11 OH 270

John Combs; 2831 Selma. Jacksonville FL 32205

I've settled into our new home and have some antennas up. The set up is very similar to what I once had in Orlando: a 5 foot dish up about 26' and a large VHF log at about 20'. I still lack a decent receiver. Currently using either a 5" b&w with no detent tuning, or a 19" color set which has good selectivity but horrible sensitivity, especially on UHF. There are quite a few taller buildings in the area, and a lot of trees, so deadband conditions seem worse than Orlando. Only decent DX seen has been WEEA-14(200mi) and WAGT-26(215mi).

# Eastern TV-DX

Combs; continued---

January 1985

The only good thing about the location so far is that even though we have CATV on our living room set, there is absolutely no CATV cci at all. Amazin'! If a really incredible opening to this area occurs, especially on tropo, try calling me at (904)-389-2188 or just call and let the phone ring once. Warning: If I'm not home, you may have to deal with my answering machine!

Bill Townshend; 4500 Conn. Ave. NW, Washington DC 20008 #901 EST

Sept. 1984	Oct. 1984	Nov. 1984
26 Tr 0802 WPHL-17 PA	8 Tr 0027 WWBT-12 VA	26 Tr 0742 W4LAB VA
0824 WTVZ-33 VA	17 Tr 0700 WHRO-15 VA	0743 WGIV-29 VA
WMGM-40 NJ	0800 WYAH-27 VA	0744 WRLH-35 VA
	0813 WTVZ-33 VA	0747 WHRO-15 VA
	0900 WCVW-57 VA	0813 WTAF-29 PA
		WPMT-43 PA

William R. Hepburn; AES, Box 120, Resolute Bay NWT X0A 0V0 EDT-EST

All DX from Niagara Falls ON.

Oct. 1984	Oct. 1984	Oct. 1984
5 Tr 2313 CBET-9 ON t	7 Tr 1201 Ottawa-Hull	14 Tr 0207 WQXI-17 MI 325
2318 Detroit U's 210	4,9,U's ON 240	Grand Rapids
2323 WANE-15 IN 350	12 Tr 2000 WNPI-18 NY 230	2128 WGTE-30 OH t
Ft. Wayne	2159 WQEX-16 PA 190	15 Tr 1248 WNPI-18 NY 230
2334 WCFC-38 IL t	Pittsburgh	16 Tr 0148 WdO-24 OH 250
6 Tr 0018 WFFT-55 IN 350	13 Tr 0941 WEAQ-49 OH 185	Toledo
Ft. Wayne	Akron	0719 WKBD-50 MI t
0024 WOIO-19 OH t	2353 Detroit 4,7,U's 20	Tr 1147 W64AF OH
On yet? Under CICA.	2356 WGTE-30 OH t	Unid WOAC-67 xltr.
0033 WGTE-30 OH t	WIHT-31 MI 240	28 Tr 1917 WKAR-23 MI t
0035 WCIU-26 IL t	STV w/NWS Lansing audio	1922 WWTW-9 MI 325
0209 WIHT-31 MI 240	14 Tr 0022 WGVG-35 MI t	under CFTO.
0604 WEYI-25 MI 245	under WSEE	1947 WXON-20 MI 210
2023 CICO-51 ON 130	0143 WFSL-47 MI t	1948 WKBD-50 MI t
Penetanguishene	under CFMT	2001 WNDU-16 IN 400
2217 CICO-19 ON 255	0148 WEYI-25 MI 245	
Sudbury		

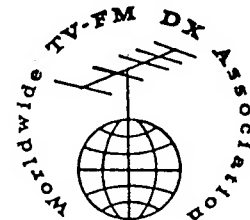
Roy Barstow; P.O. Box 488-T, Teaticket MA 02536 EST?

Oct. 1984	Nov. 1984	Nov. 1984
29 Tr 2330 WNBP-16 PA 270	2-3 semi-locals-20,24,30,	
WBRE-28 PA "	49,53,61 CT; 21 NY; 13 ME.	
2345 WVIA-44 PA "	4 Tr 2200 WNBP-16 PA 270	9 Tr 2330 WDCA-20 DC 380
30 Tr 0030 WBFF-45 MD 350	WBRE-28 PA "	WETA-26 DC "
0045 WITF-33 PA 325	WRBV-65 NJ "	WHMM-32 DC "
2000 WCBF-10 ME 195	WSNL-67 NY 140	WCQR-50 DC "
Thru local WJAR.	KYW-3 PA 260	2345 WBFF-45 MD 350
2100 WENB-11 NH 110	2230 WNYT-13 NY 180	WNUV-54 MD "
WGME-13 ME 150	WWLP-22 MA 110	10 Tr 0025 WBOC-16 MD 340
Last two in perfect.	WVNY-22 VT 240	1830 WCPB-28 MD "
2300 CHEFT-5-46 360	WITF-33 PA 325	WGMG-40 NJ 285
2330 WANE-31 VT 170	2300 WXXA-23 NY 180	WTEY-54 NY 170
	WCPB-28 MD 340	1900 WMDT-47 MD 340
	WBOC-16 MD "	WLVT-39 PA 260
Nov. 1984		
1 Tr 2100 WTAF-29 PA 260	5-7 semi-locals	11-24 Not much this period.
WANE-31 VT 170	8 Tr 2315 WVIA-44 PA 270	25 Tr 1430 WUSV-45 NY 190
2130 WETK-33 VT 240	2330 WBRE-28 PA "	Albany
WVTA-41 VT 160	2350 WNBP-16 PA "	Testing with
		3/4 c.b.

It looks like DX conditions have slacked off judging from the number of reports received lately. To avoid going through a long DXless winter I would suggest going after some of those hard to get stations and watch for a little meteor scatter DX. The Quadrantids meteor shower should be under way when you read this (first week in January) and that would be a good time to do some MS DXing. During the summer months you usually sit back and wait for the the Es or tropo to come to you. It's not that way in the winter time, especially if you live up north, where you have to go after it. The best way is to watch for some MS during major meteor showers. It's one way to break the winter doldrums.-wd

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